

# PART E

INLAND  
RAIL

Map book

PART 2 OF 5

## Construction maps

INLAND RAIL—NARROMINE TO NARRABRI ENVIRONMENTAL IMPACT STATEMENT

ARTC

The Australian Government is delivering  
Inland Rail through the Australian  
Rail Track Corporation (ARTC), in  
partnership with the private sector.

PART

E

INLAND  
RAIL

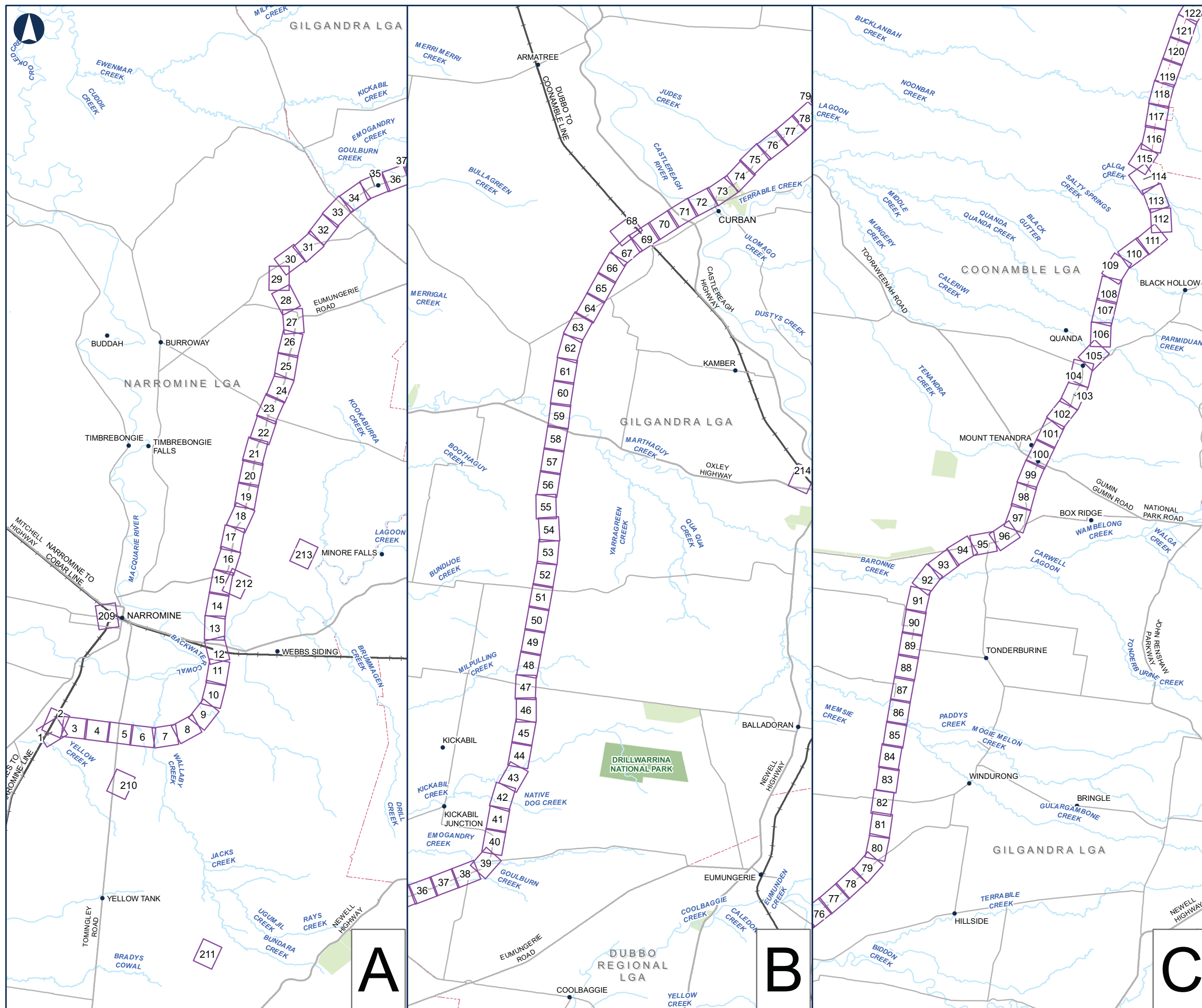
Map book

Construction maps

INLAND RAIL—NARROMINE TO NARRABRI ENVIRONMENTAL IMPACT STATEMENT

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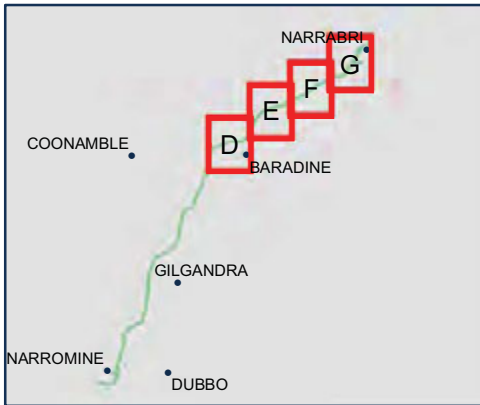
## NARROMINE TO NARRABRI

EIS Map Book

Construction and operation map index

### LEGEND

Construction and operation map series



0 4.5 9 Km

Coordinate System: GCS GDA 1994

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Date: 24/04/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:250,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 1 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Welding yard
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Temporary workforce accommodation
- Travelling stock reserve
- Multi-function compound
- Indicative utility adjustment

### Sensitive receiver

- Commercial/Industrial
- Residential

### Noise level (dB LAeq)

- 55 - 60
- 95 - 100



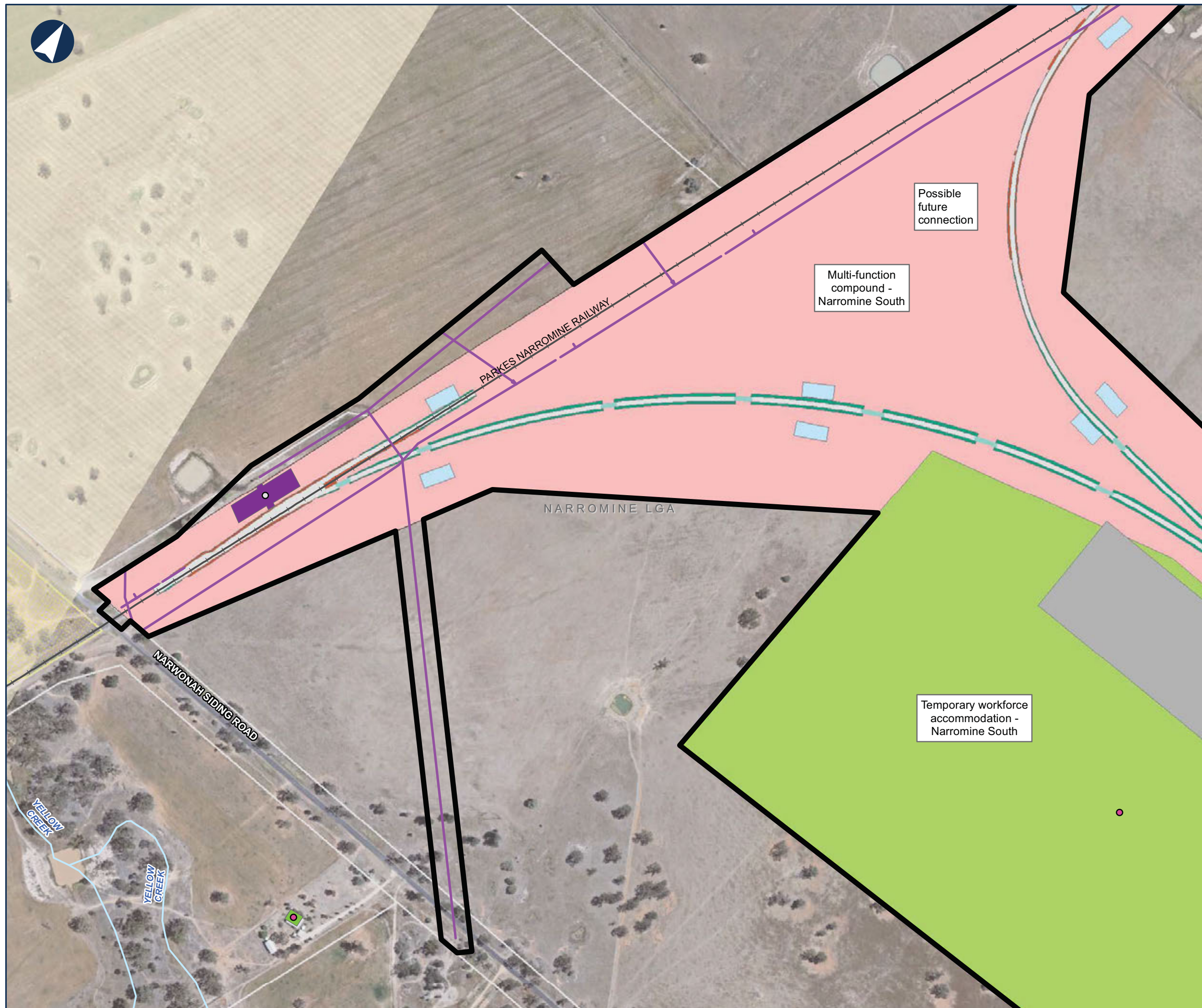
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Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000







## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 2 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Welding yard
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Temporary workforce accommodation
- Multi-function compound
- Indicative utility adjustment

### Sensitive receiver

- Residential

### Noise level (dB LAeq)

- 55 - 60
- 65 - 70



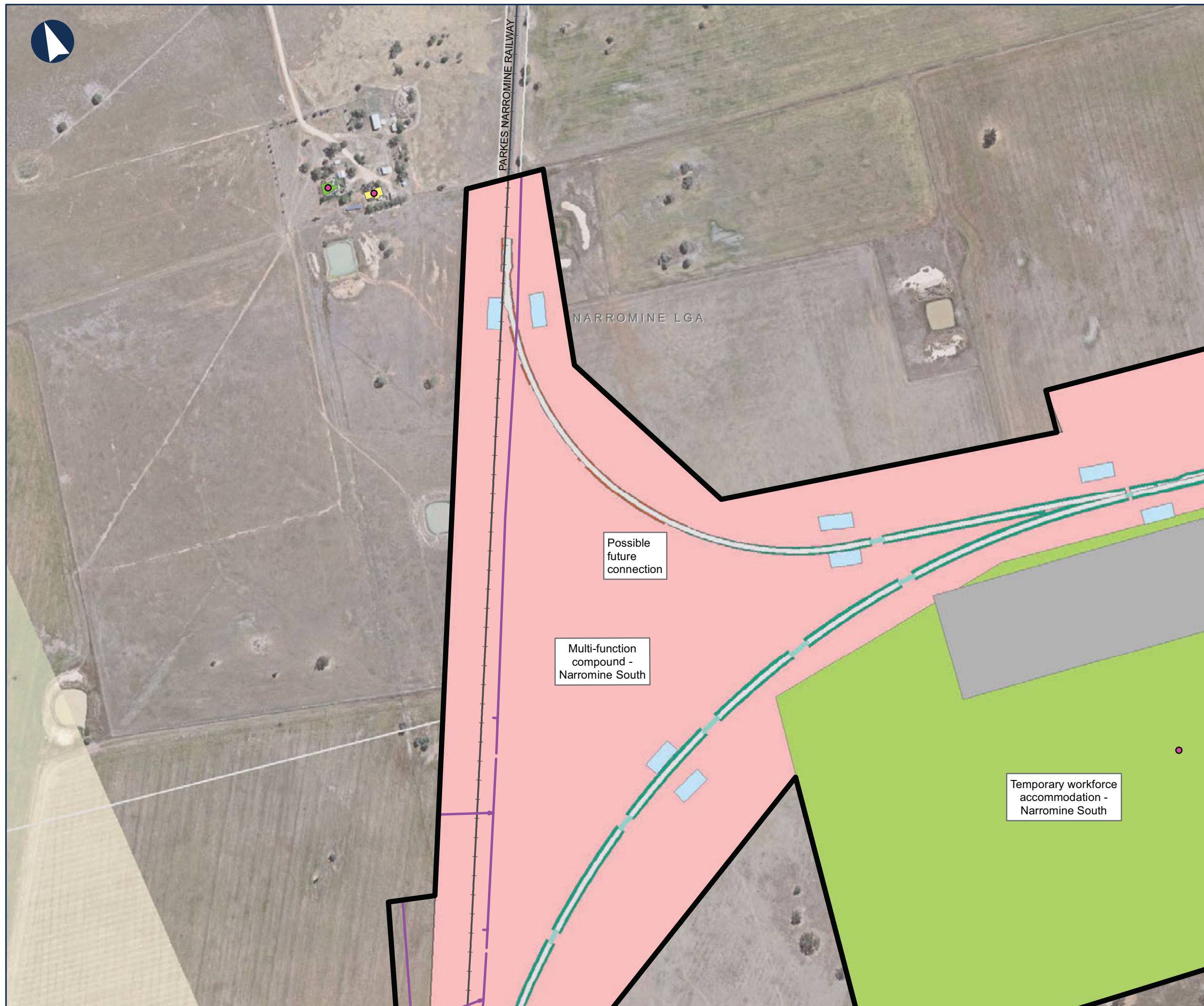
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











## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 3 OF 216

### LEGEND

-  Construction footprint
  -  Cadastre
  -  Culvert
  -  Welding yard
  -  Topsoil storage
  -  Sediment basin (indicative)
  -  Mobile concrete batch plant
  -  Rail earthworks fill
  -  Top of formation
  -  Temporary workforce accommodation
  -  Multi-function compound
  -  General compound
- Sensitive receiver**
-  Residential



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)

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Scale: 1:8,000







## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 4 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Multi-function compound
- General compound



0 0.1 0.2 Km

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 5 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Multi-function compound
- Indicative utility adjustment

### Sensitive receiver

- Residential

### Noise level (dB LAeq)

- 50 - 55
- 55 - 60



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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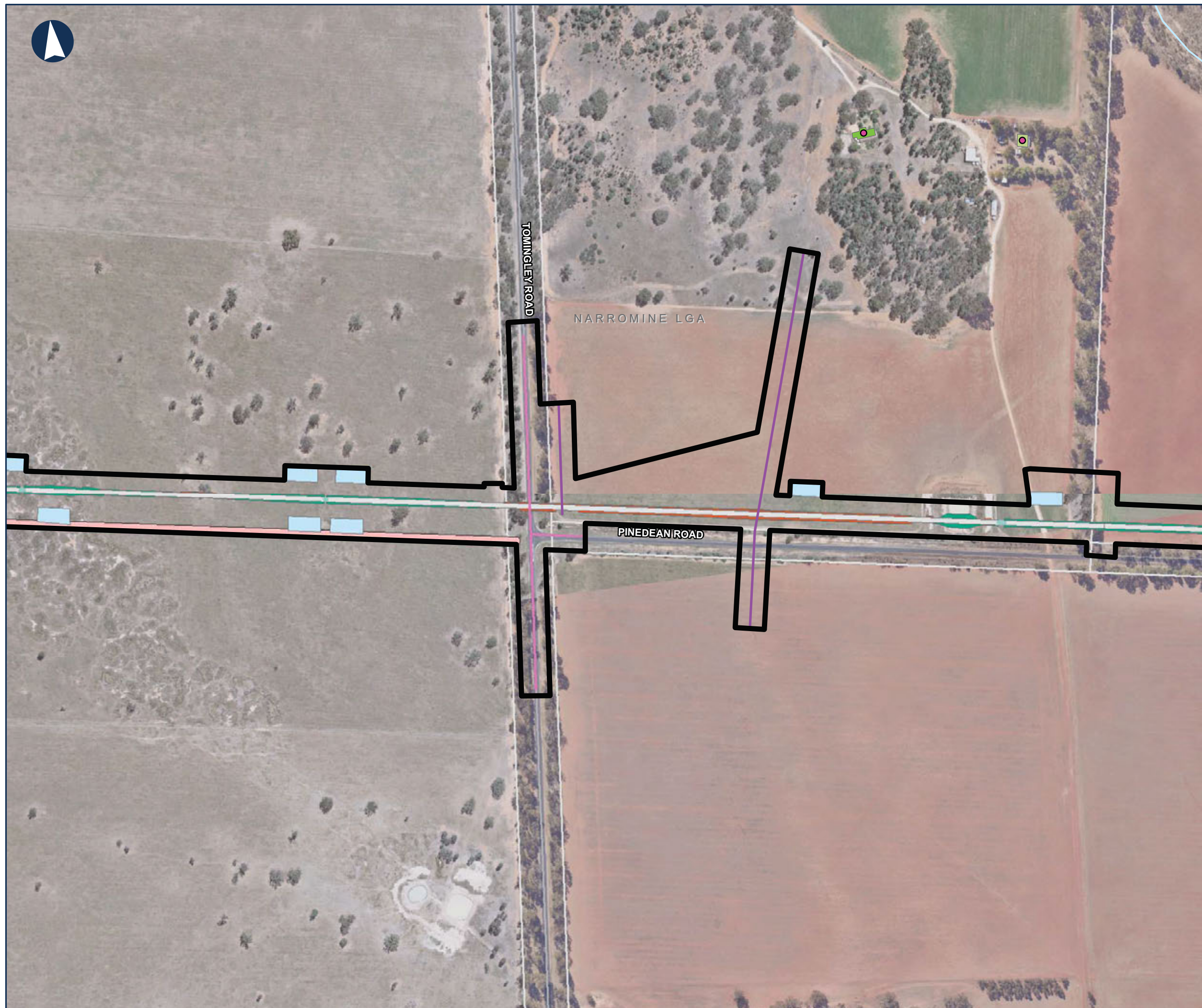
Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 6 OF 216

LEGEND

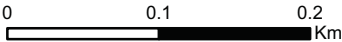
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 50 - 55



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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 7 OF 216

### LEGEND

-  Construction footprint
-  Cadastre
-  Culvert
-  Sediment basin (indicative)
-  Rail earthworks cut
-  Rail earthworks fill
-  Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 8 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation

NARROMINE LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD) Scale: 1:8,000  
Data Sources: JacobsGHD





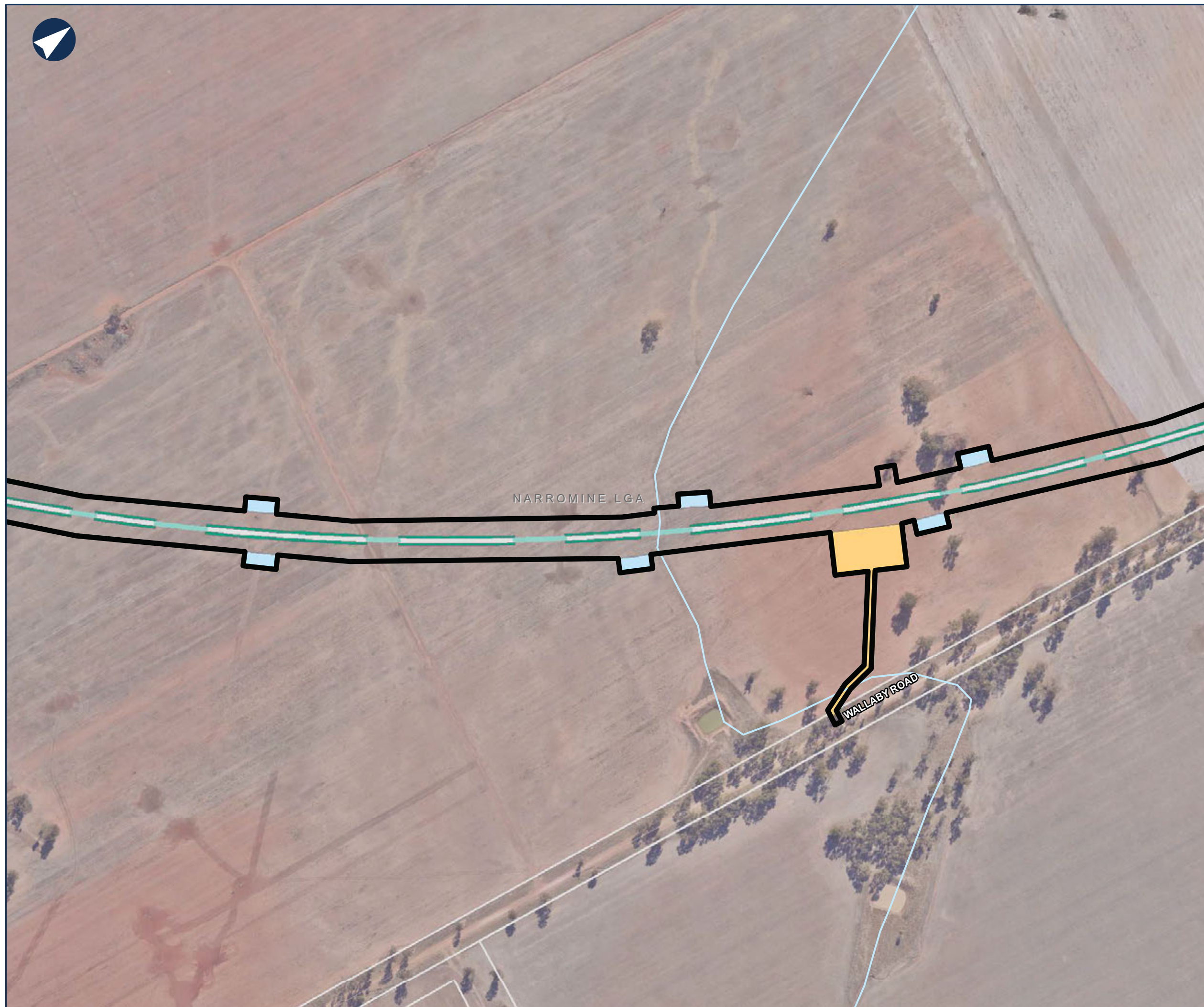
# NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 9 OF 216

## LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks fill
- Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 10 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

WALLABY ROAD

NARROMINE LGA



0 0.1 0.2 Km

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 11 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment



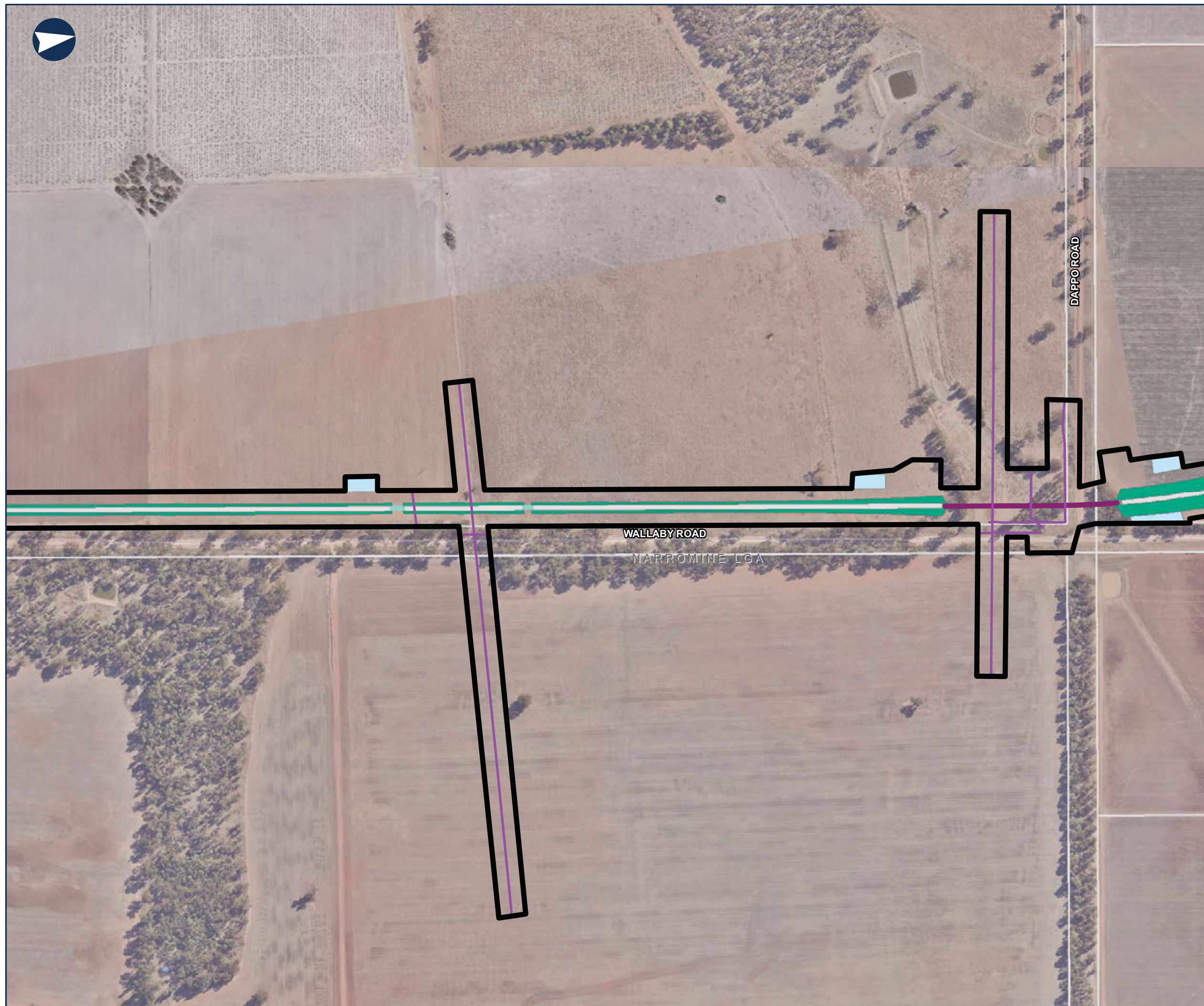
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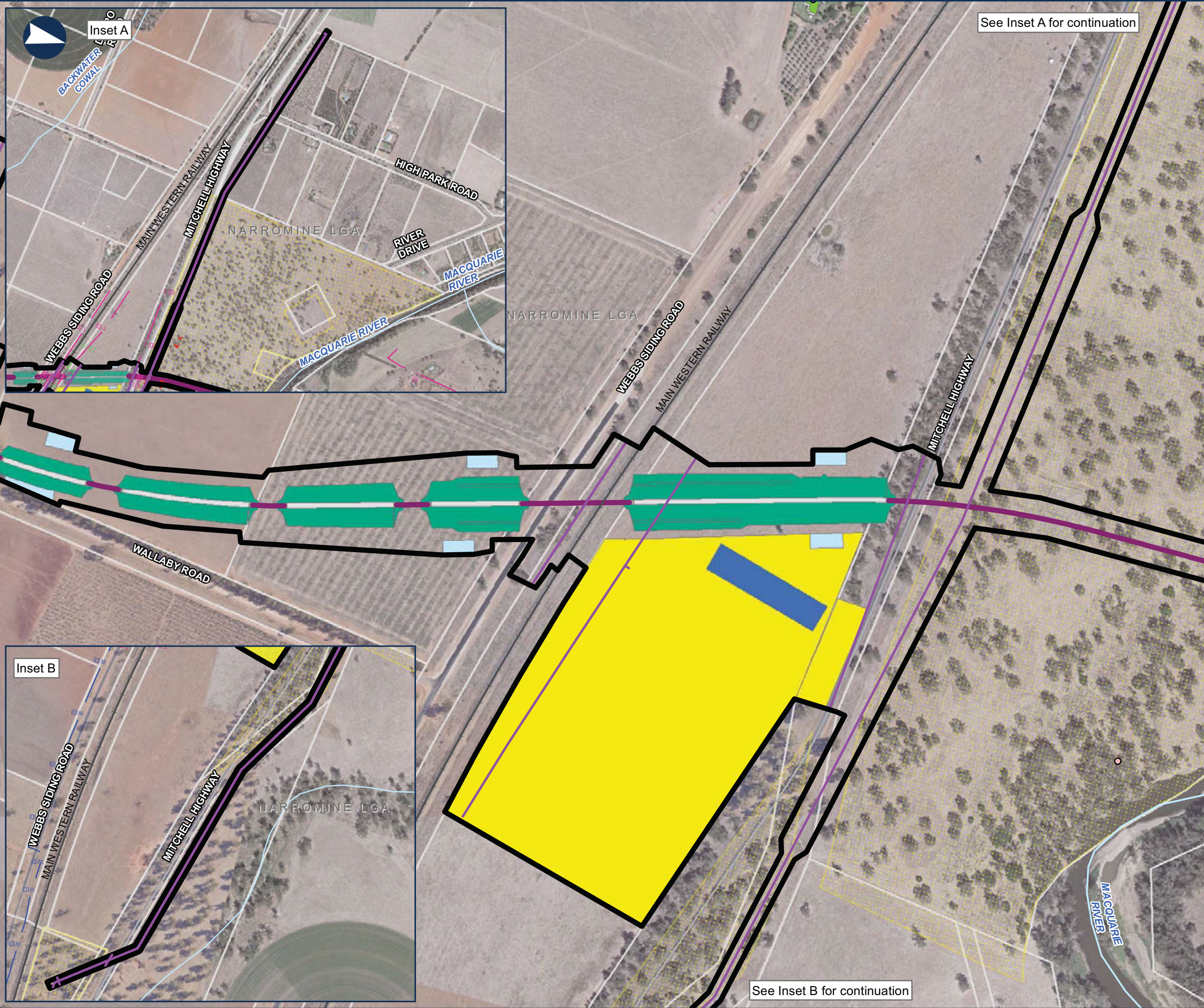
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INLAND RAIL

ARTC

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 12 OF 216

LEGEND

Construction footprint

Cadastre

Bridge

Sediment basin (indicative)

Fixed concrete batch plant

Rail earthworks fill

Top of formation

Travelling stock reserve

Structure compound

Indicative utility adjustment

Sensitive receiver

Passive recreation

Residential

Noise level (dB LAeq)

55 - 60

NARRABRI

COONAMBLE

BARADINE

GILGANDRA

NARROMINE

DUBBO

0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)

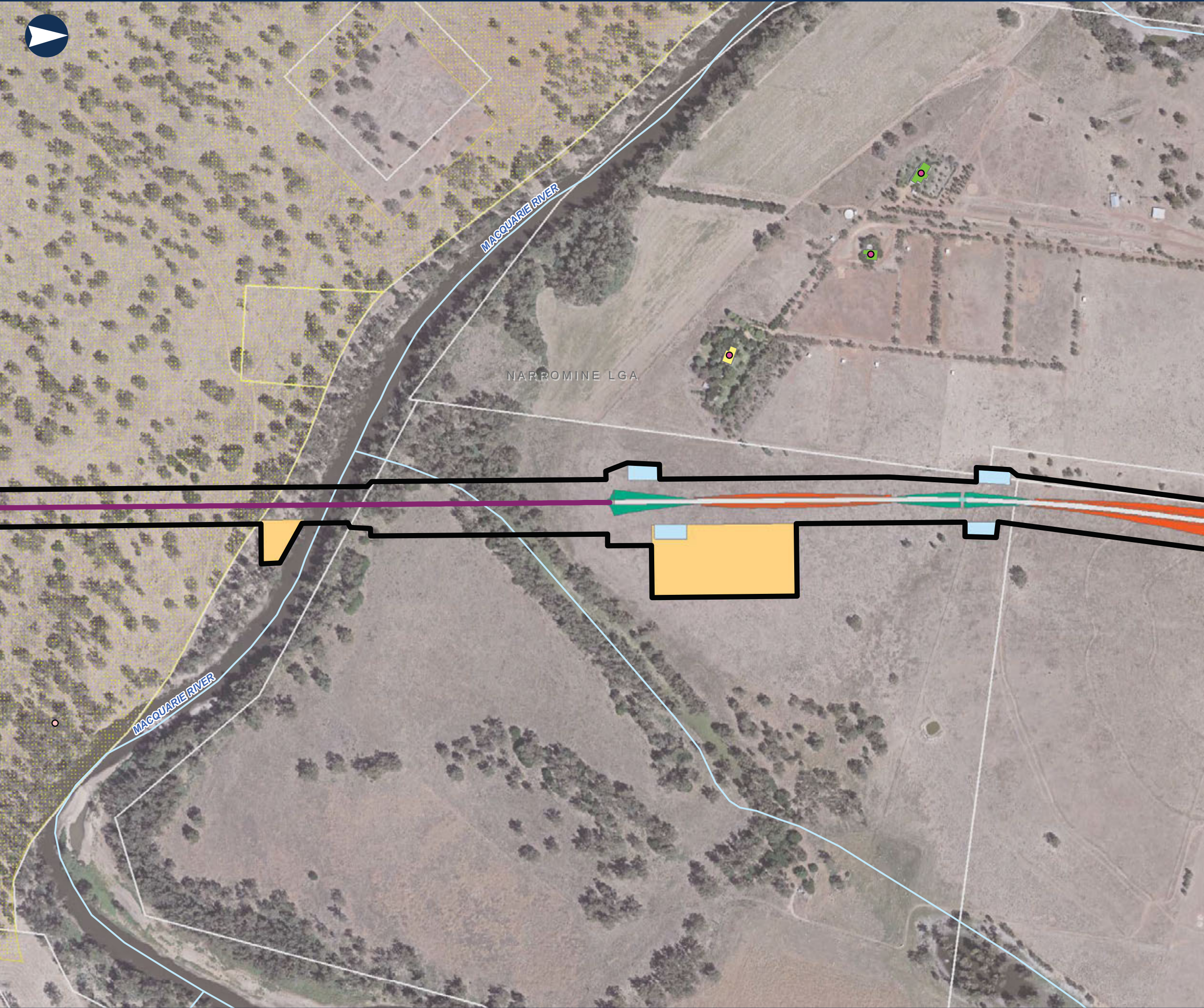
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Paper: A3

Scale: 1:5,000

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 13 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Structure compound

Sensitive receiver

- Passive recreation
- Residential

Noise level (dB LAeq)

- 55 - 60
- 65 - 70



0 0.1 0.2 Km

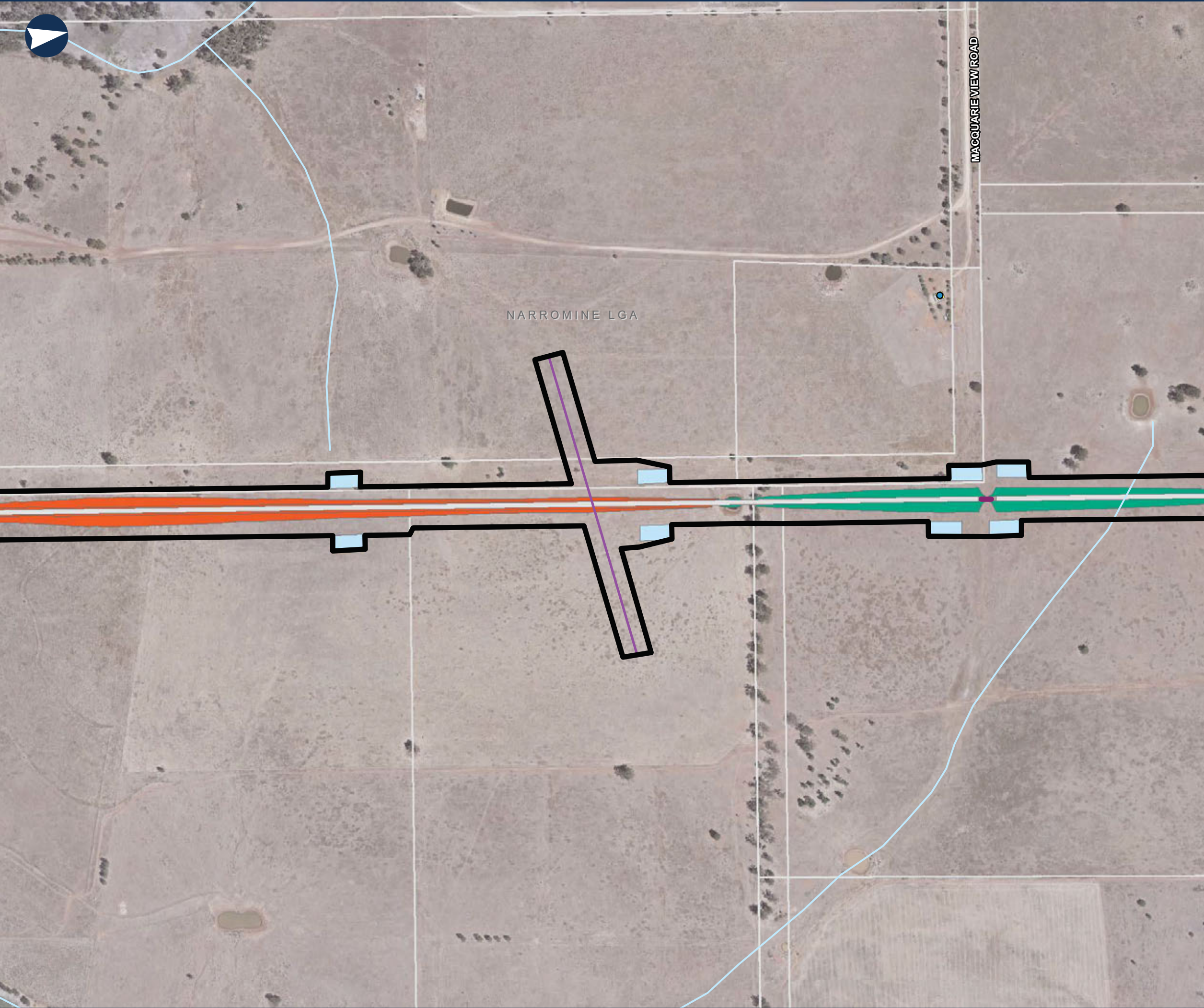
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Data Sources: JacobsGHD

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Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 14 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Active recreation

Noise level (dB LAeq)

- 65 - 70



0 0.1 0.2 Km

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Paper: A3  
Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 15 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- General compound
- Indicative utility adjustment

Sensitive receiver

- Community
- Residential

Noise level (dB LAeq)

- 55 - 60
- 90 - 95

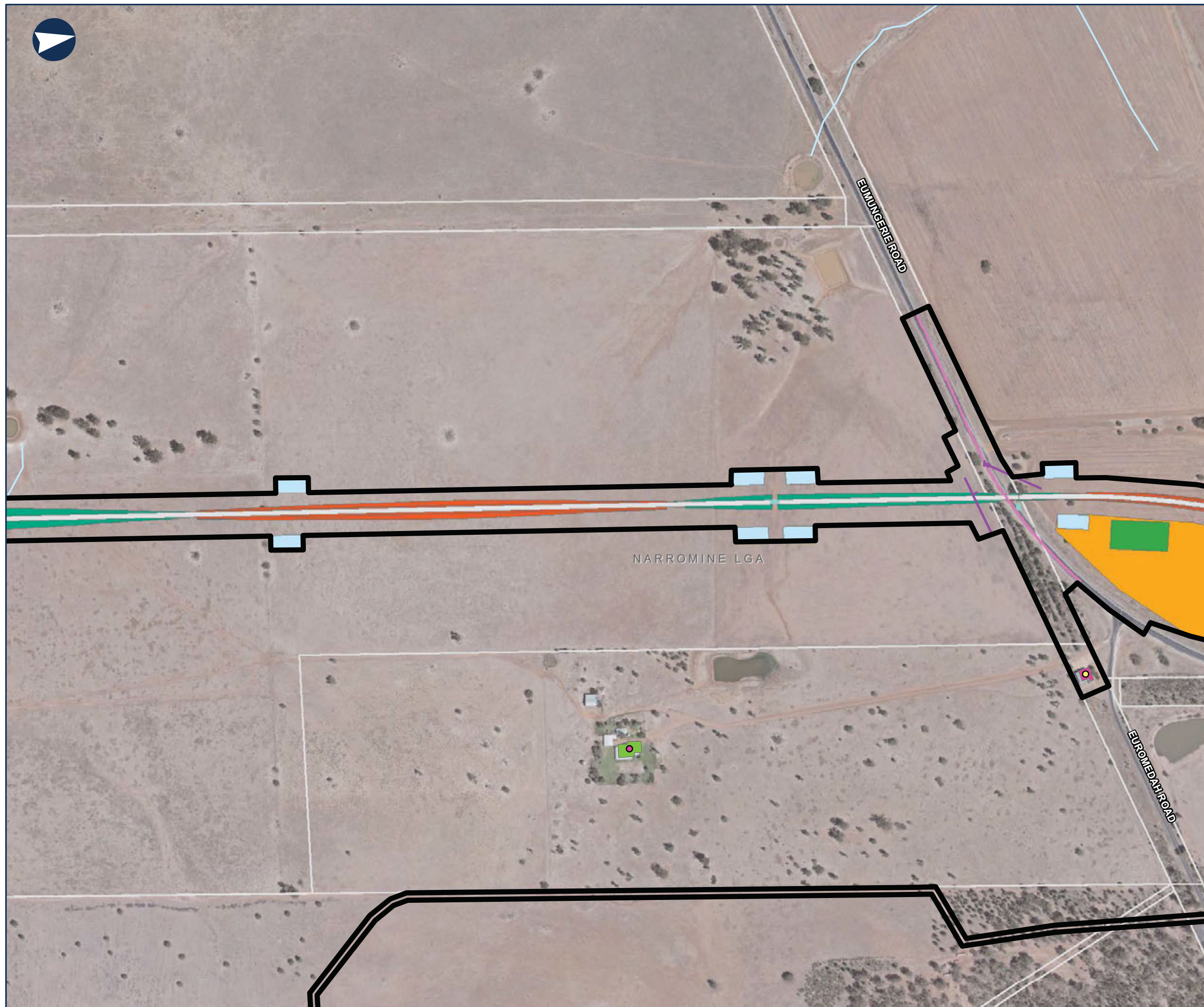


0 0.1 0.2 Km

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Data Sources: JacobsGHD  
Paper: A3  
Scale: 1:8,000

















## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 16 OF 216

### LEGEND

-  Construction footprint
-  Cadastre
-  Culvert
-  Sediment basin (indicative)
-  Mobile concrete batch plant
-  Rail earthworks cut
-  Rail earthworks fill
-  Top of formation
-  Road alignment
-  General compound

### Sensitive receiver

-  Residential

### Noise level (dB LAeq)

-  60 - 65



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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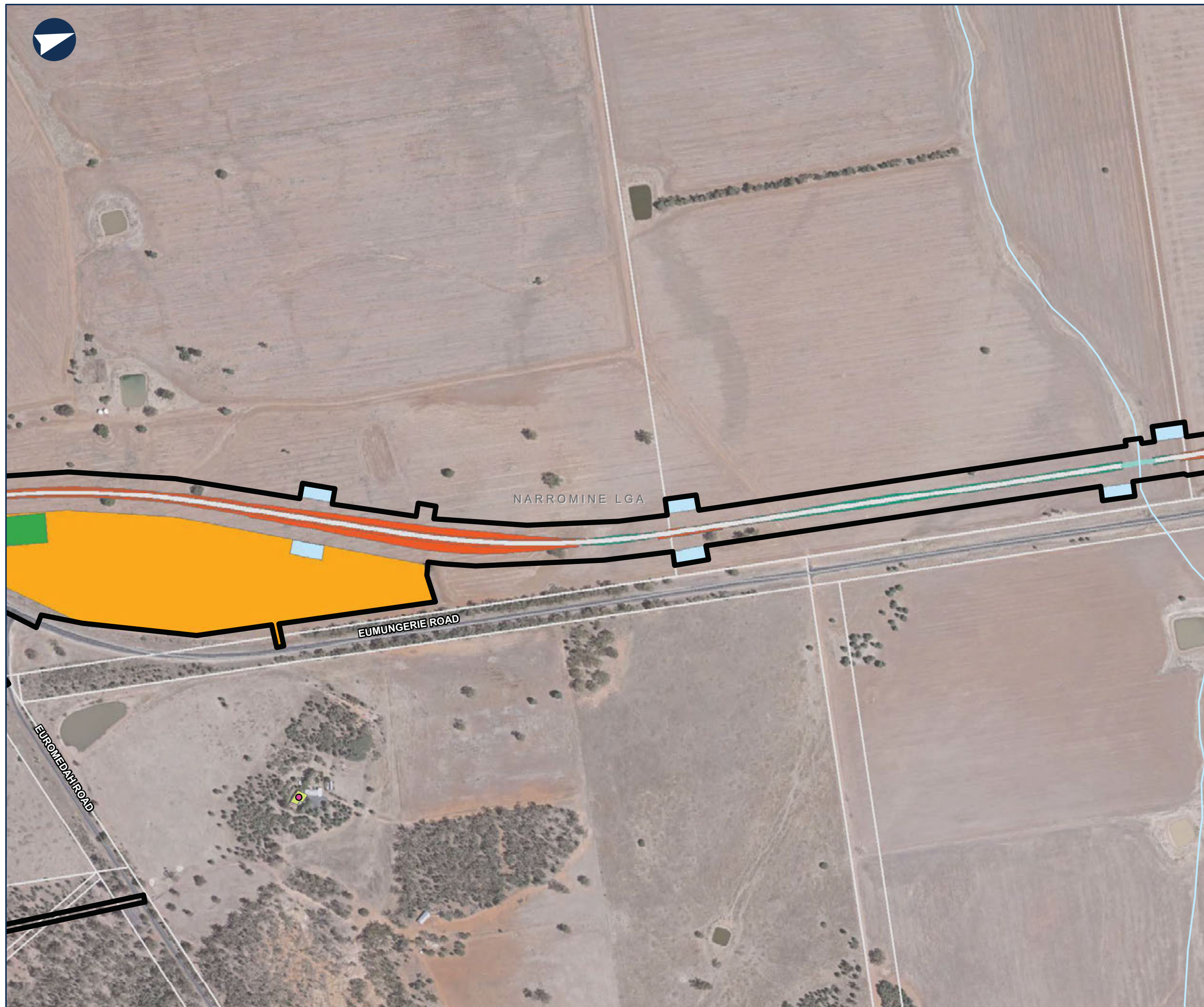
Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000







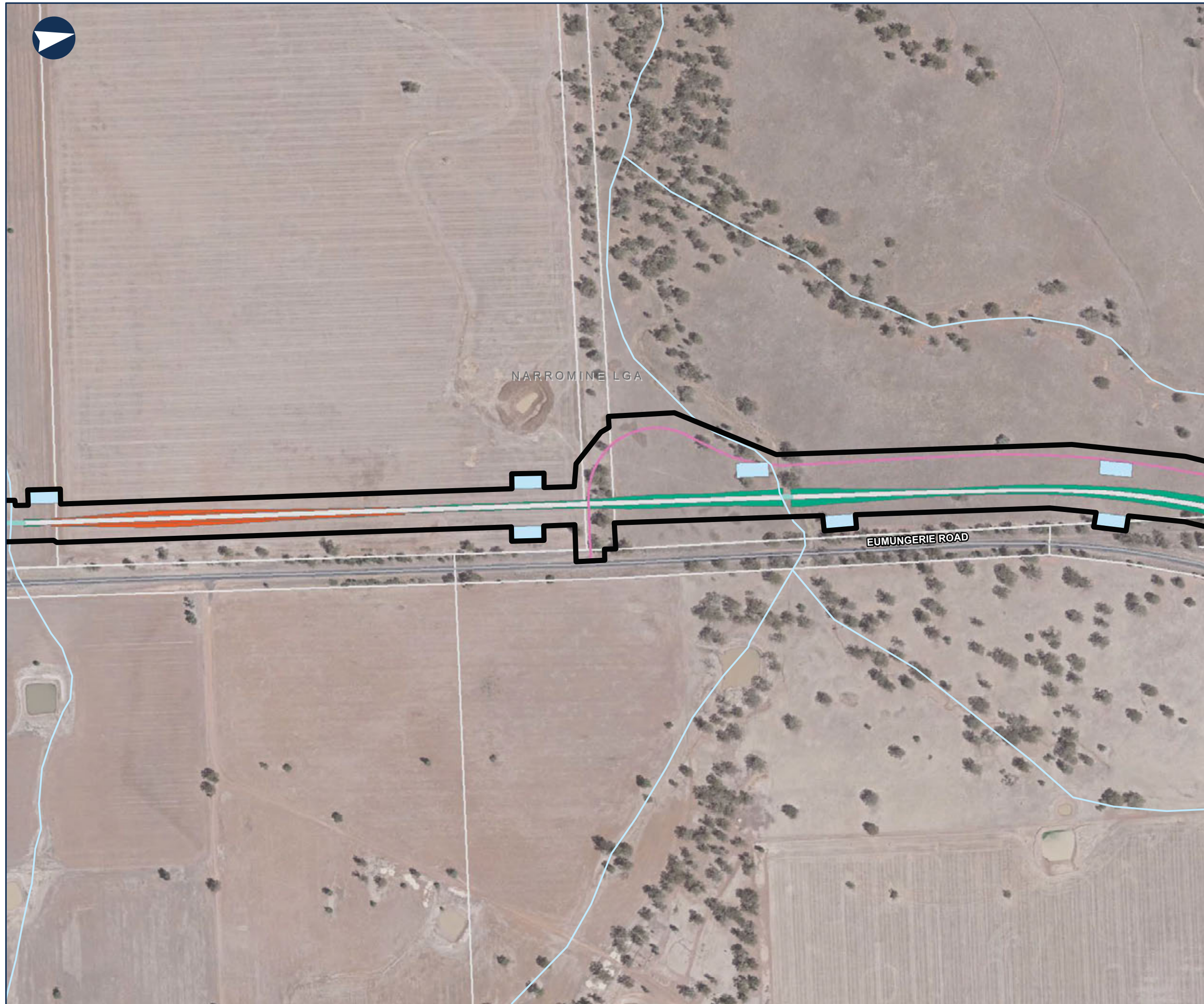
# NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 17 OF 216

## LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





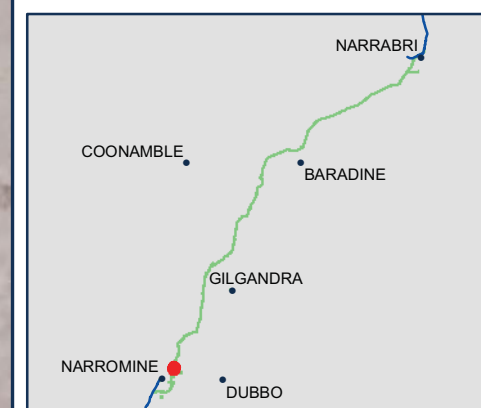
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 18 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

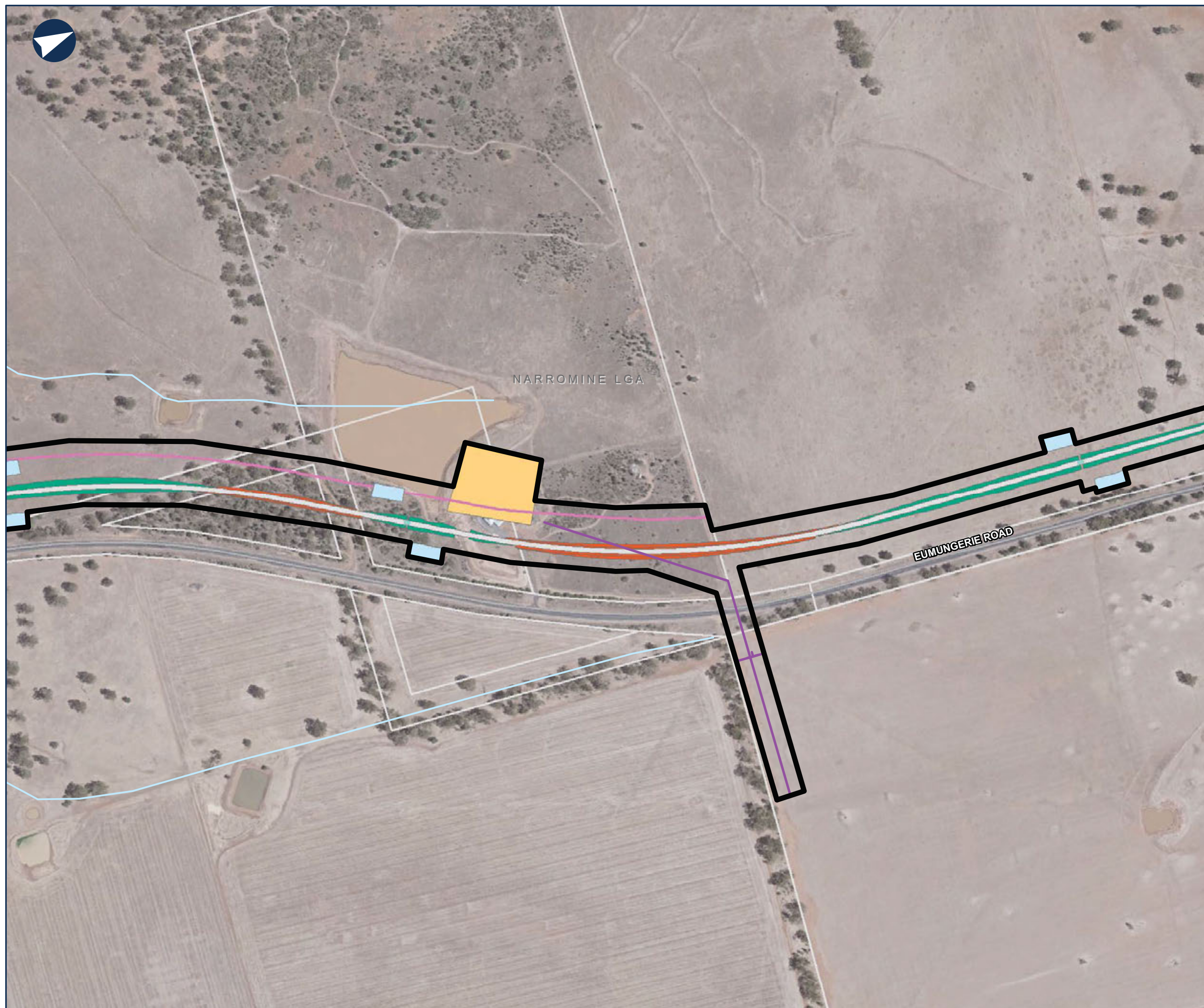


0 0.1 0.2 Km

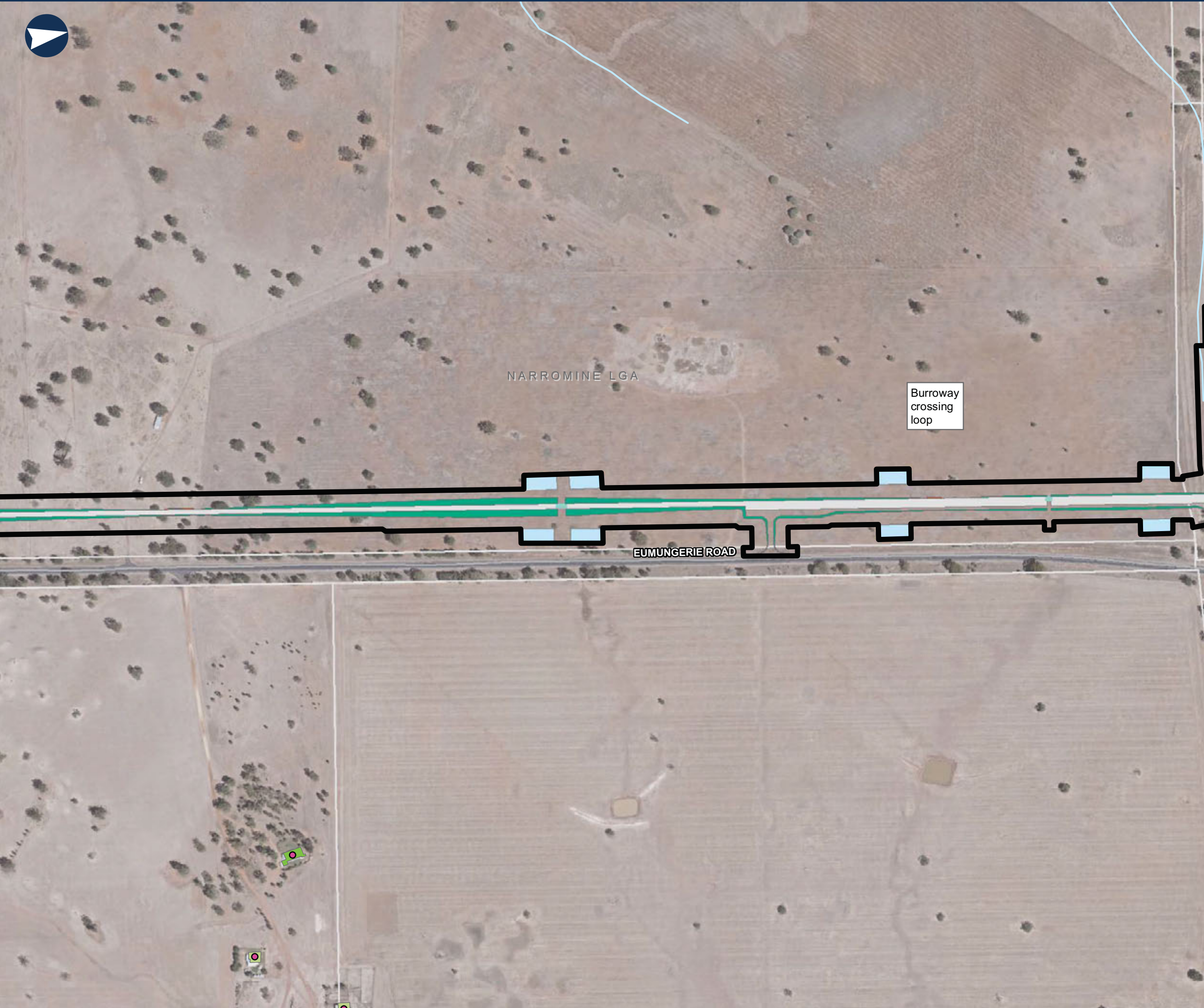
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Author: PK (GHD)  
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## Map Book - Construction Phase

MAP 19 OF 216

### LEGEND

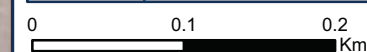
-  Construction footprint
-  Cadastre
-  Culvert
-  Sediment basin (indicative)
-  Rail earthworks cut
-  Rail earthworks fill
-  Top of formation
-  General compound

### Sensitive receiver

- Residential

**Noise level (dB LAeq)**

- 50 - 55  
55 - 60



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
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Paper: A3  
Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 20 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- General compound

### Sensitive receiver

- Residential

### Noise level (dB LAeq)

- 55 - 60



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 21 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Burroway crossing loop

EUMUNGERIE ROAD

NARROMINE LGA

MERRITS LANE



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 22 OF 216

LEGEND

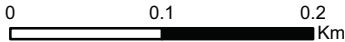
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 50 - 55
- 65 - 70
- 75 - 80



Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 23 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

### Sensitive receiver

- Residential

### Noise level (dB LAeq)

- 55 - 60



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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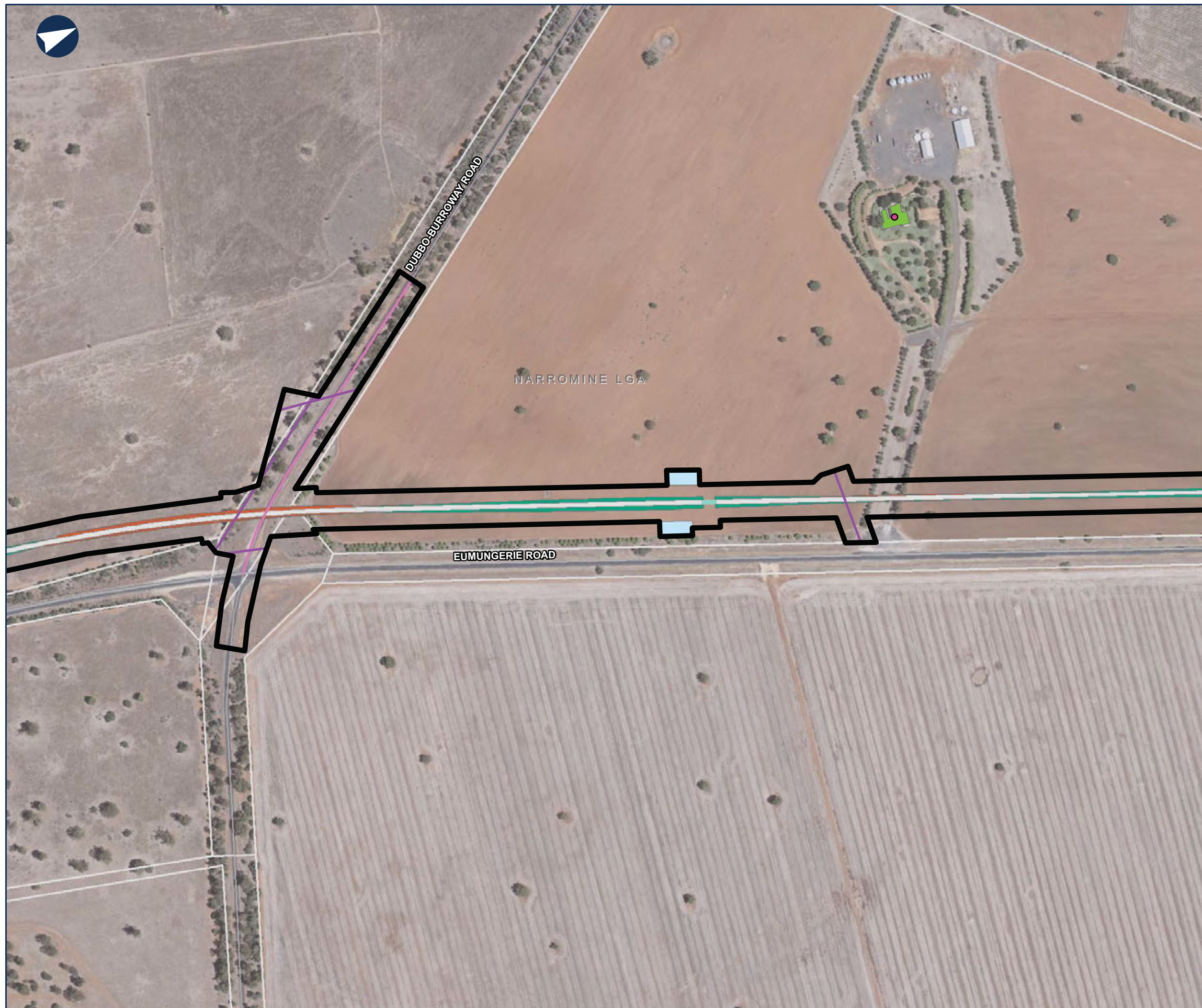
Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 24 OF 216

LEGEND

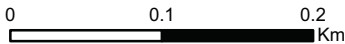
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 55 - 60



Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 25 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 26 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- General compound
- Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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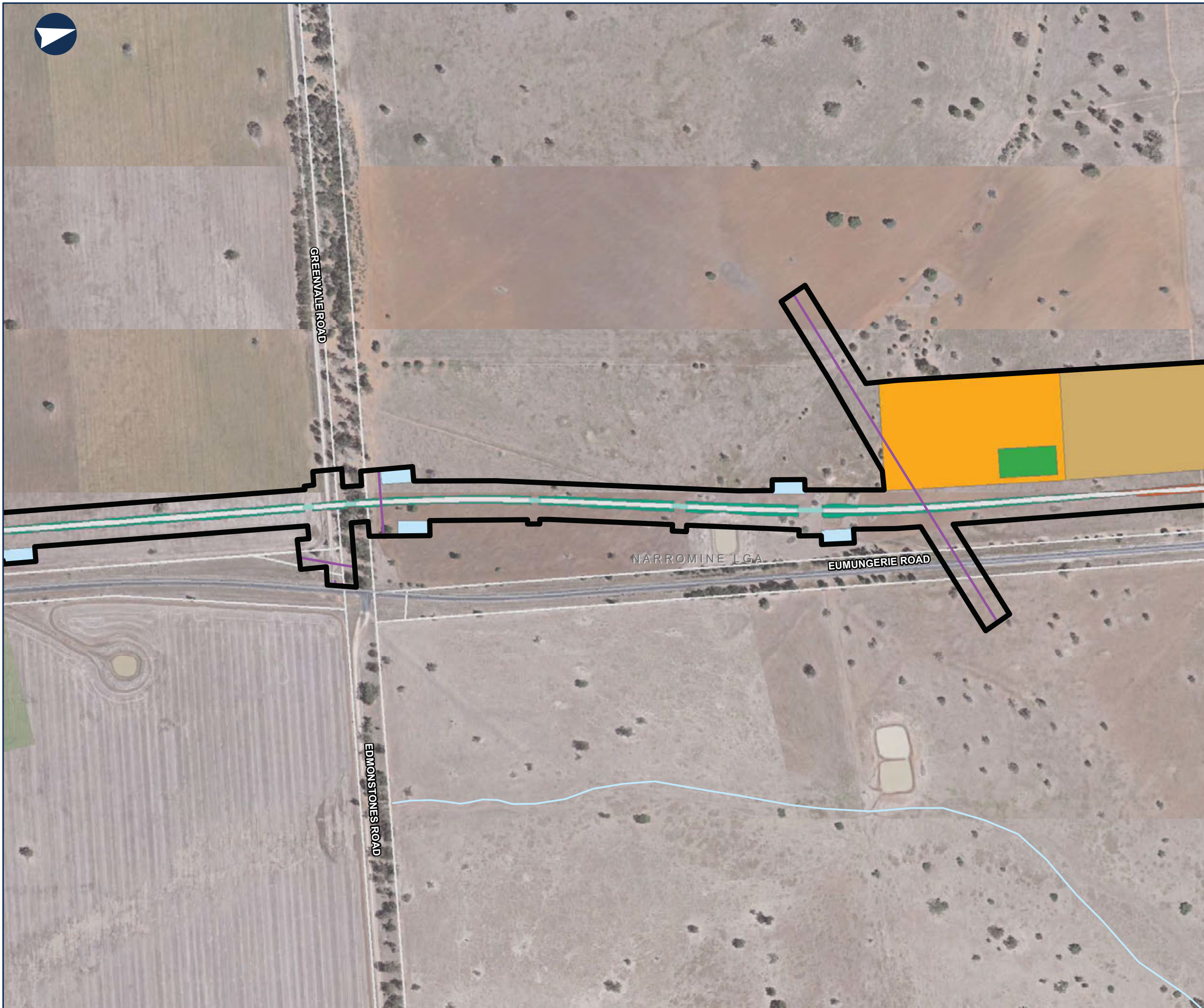
Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000







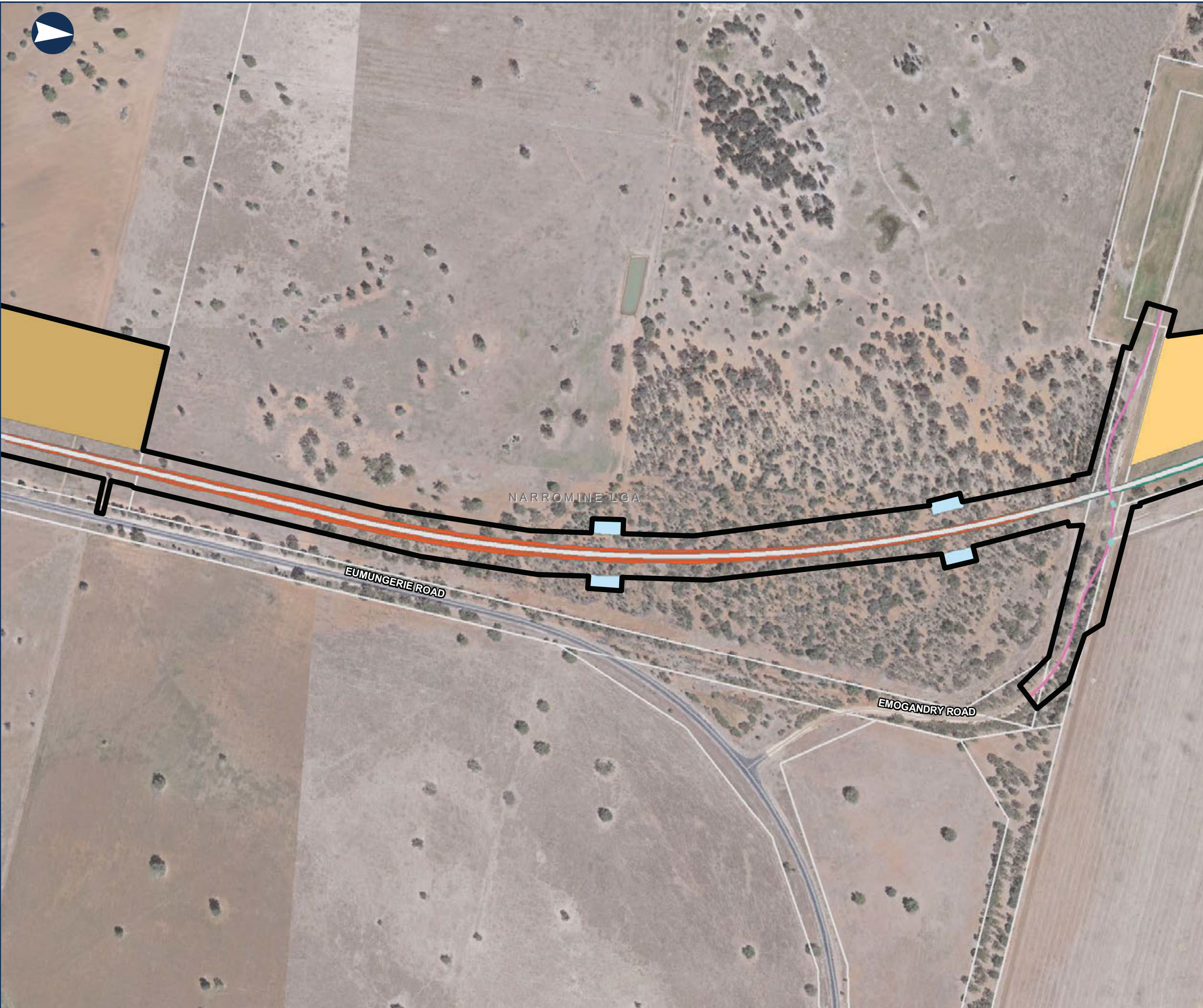
## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 27 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 28 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment

NARROMINE LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 29 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

NARROMINE LGA

COBBOCO ROAD



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 30 OF 216

LEGEND

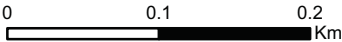
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 50 - 55



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:8,000





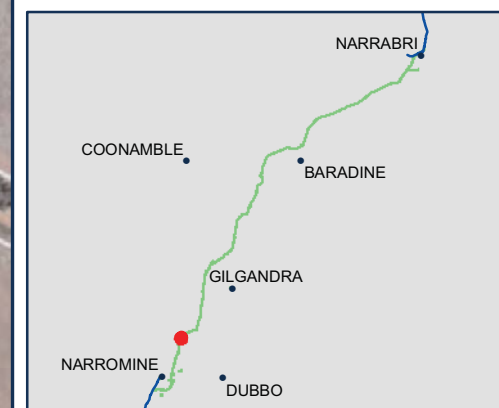
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 31 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment



0 0.1 0.2 Km

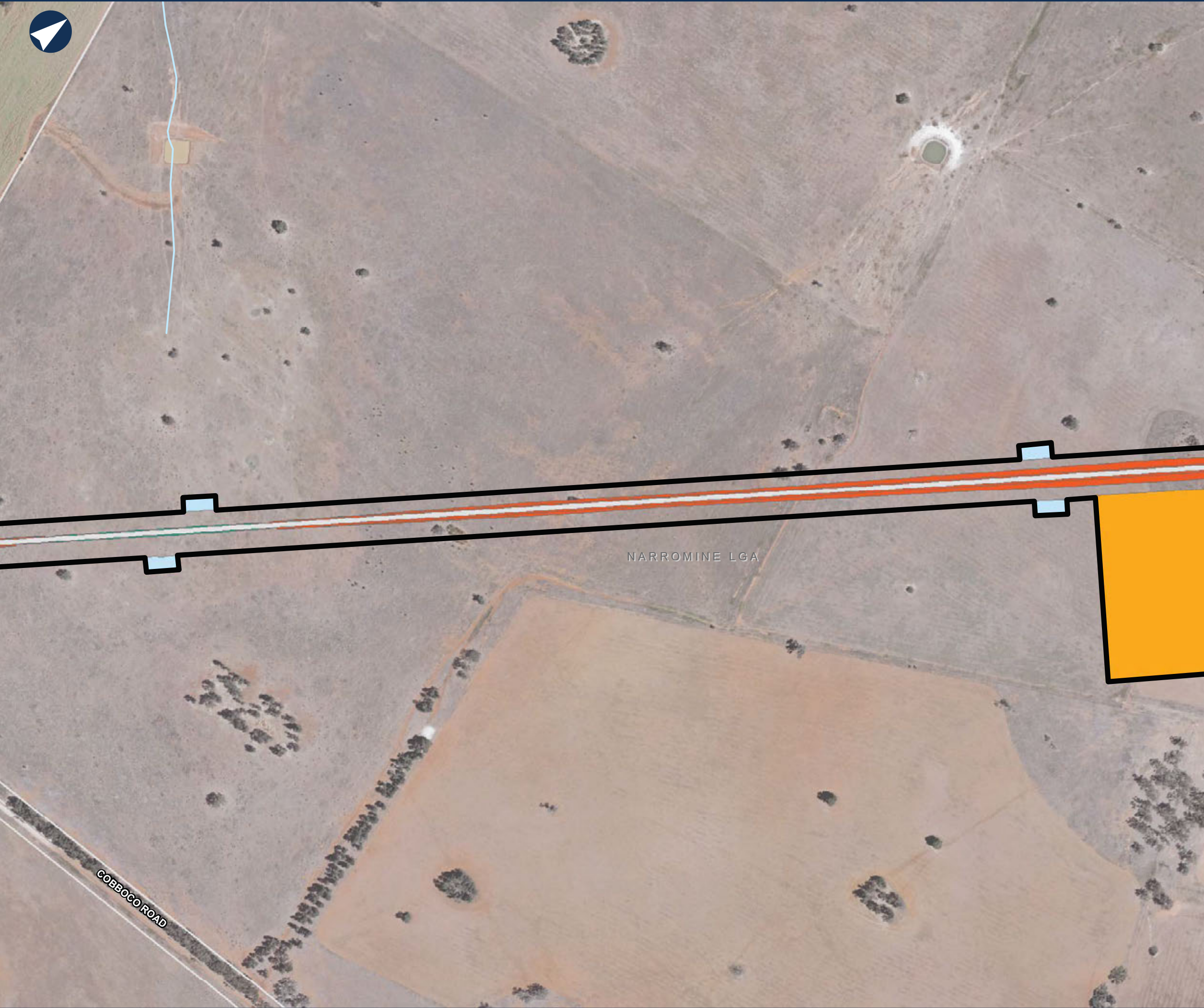
Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD  
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Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 32 OF 216

LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- General compound



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 33 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Road alignment
- General compound
- Indicative utility adjustment



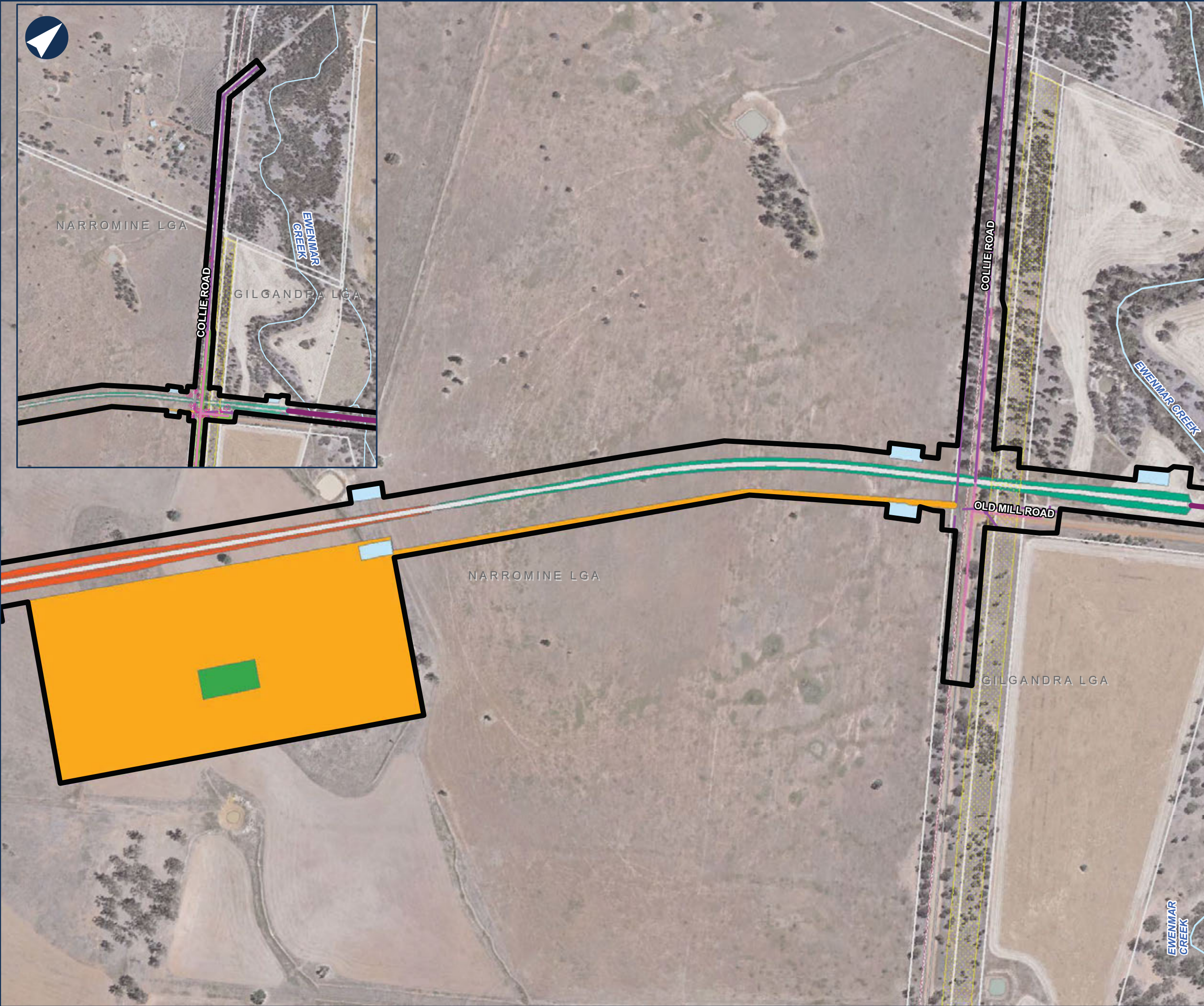
0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

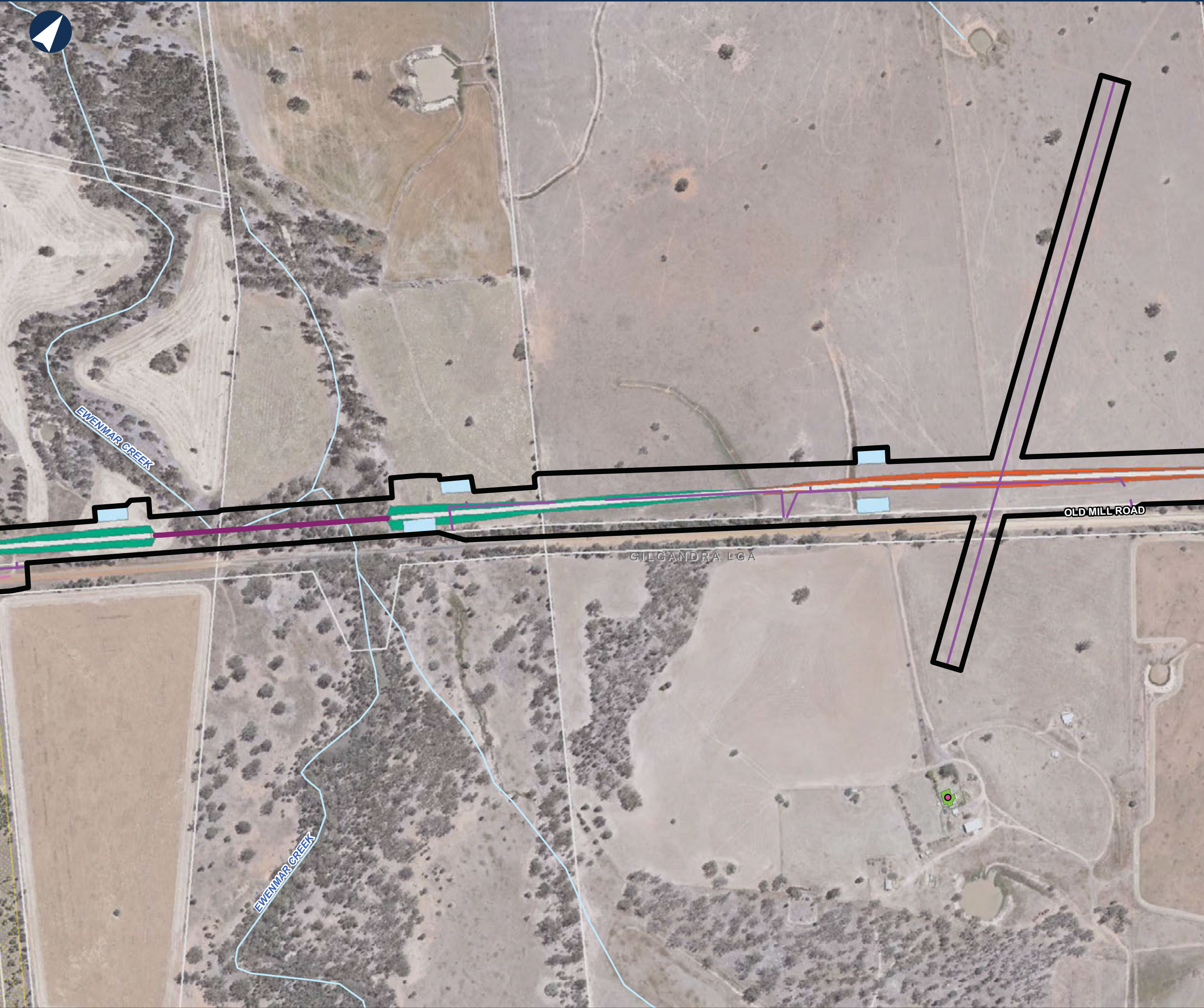
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Date: 14/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:5,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 34 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 55 - 60



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 35 OF 216

LEGEND

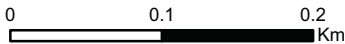
- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 55 - 60



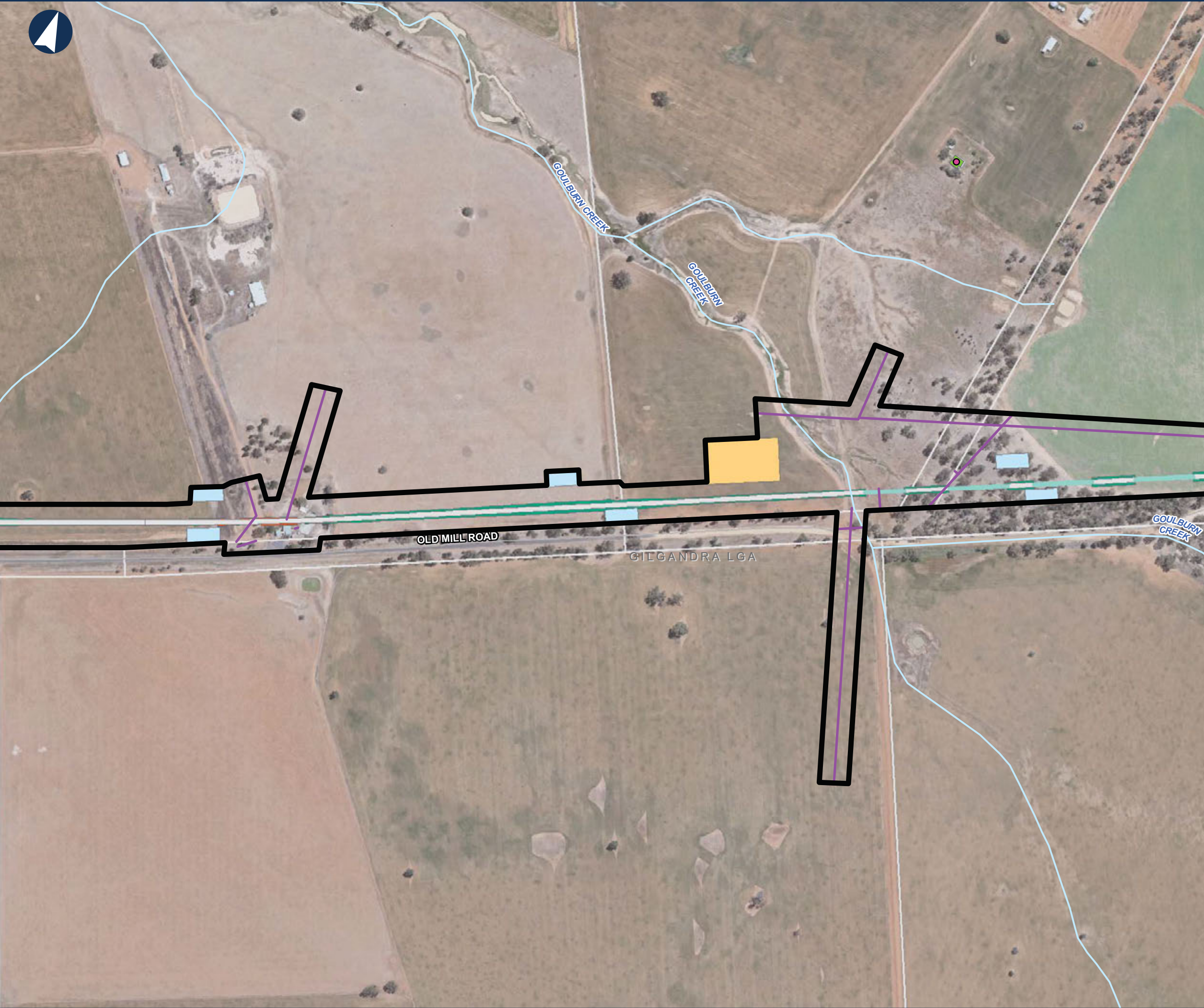
Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 36 OF 216

LEGEND

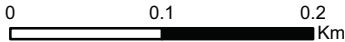
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 55 - 60



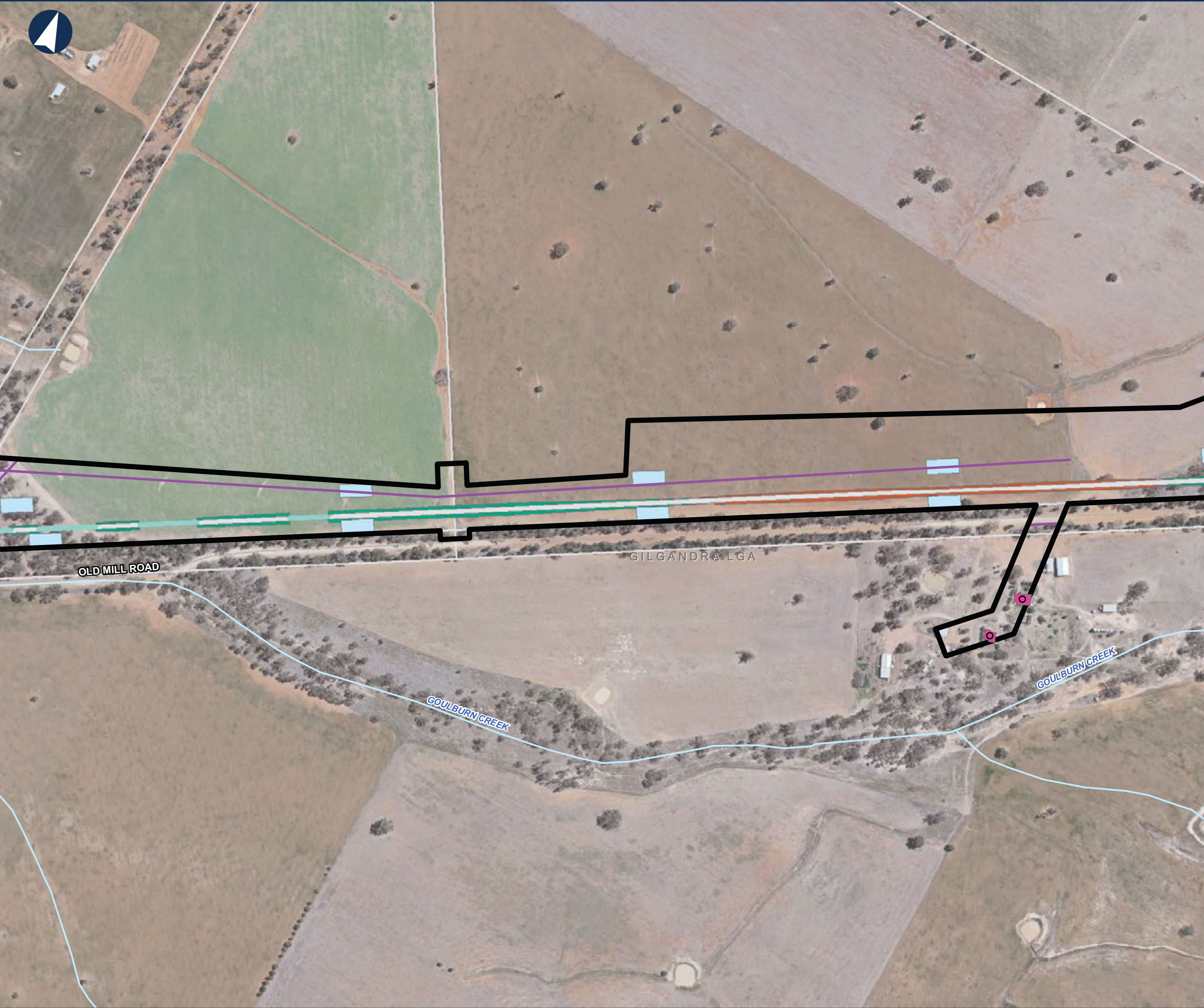
Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 37 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 90 - 95



0 0.1 0.2 Km

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Author: PK (GHD)  
Data Sources: JacobsGHD

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 38 OF 216

LEGEND

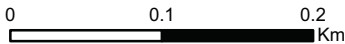
- Construction footprint
- Cadastre
- Topsoil storage
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 90 - 95

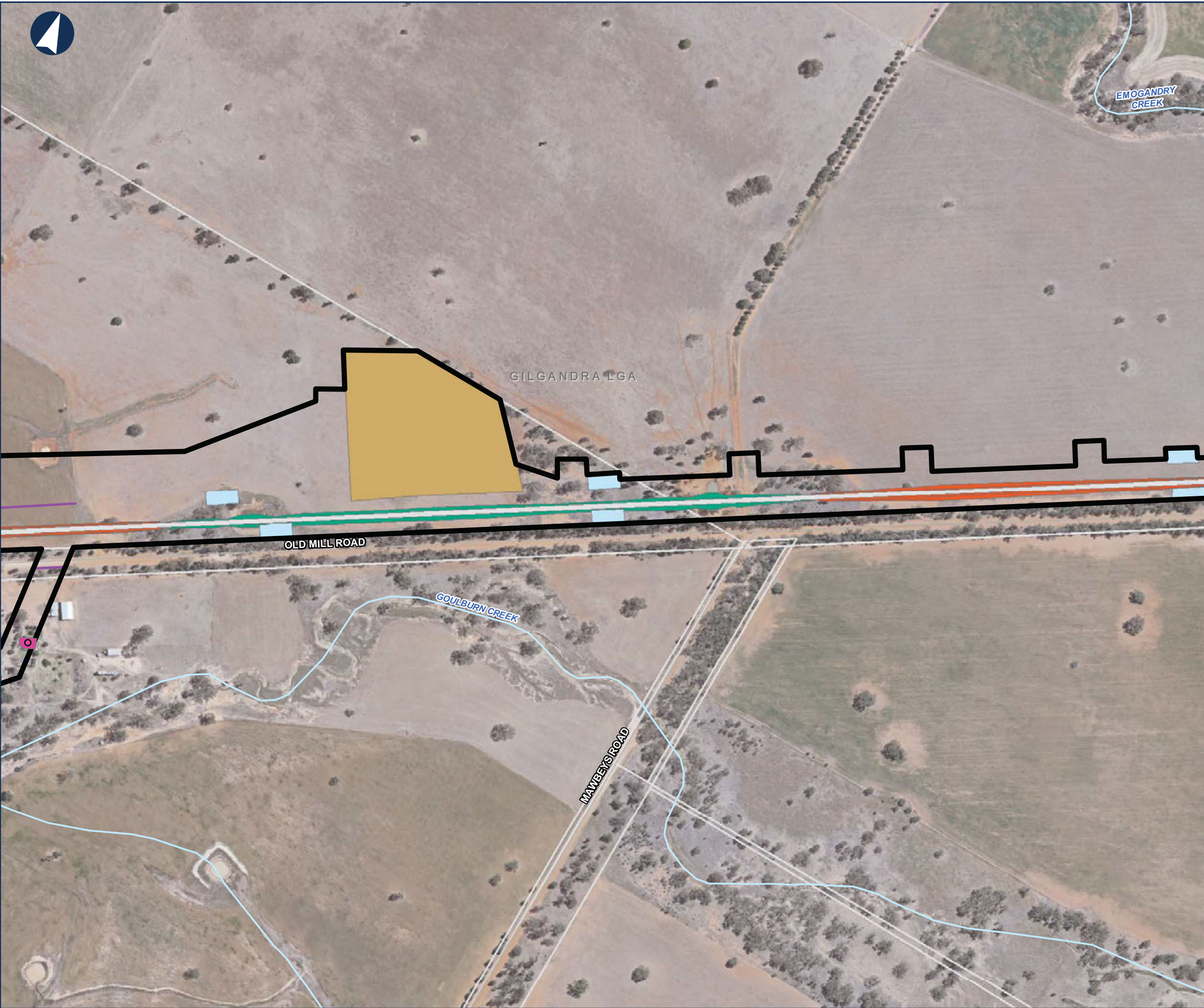


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Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 39 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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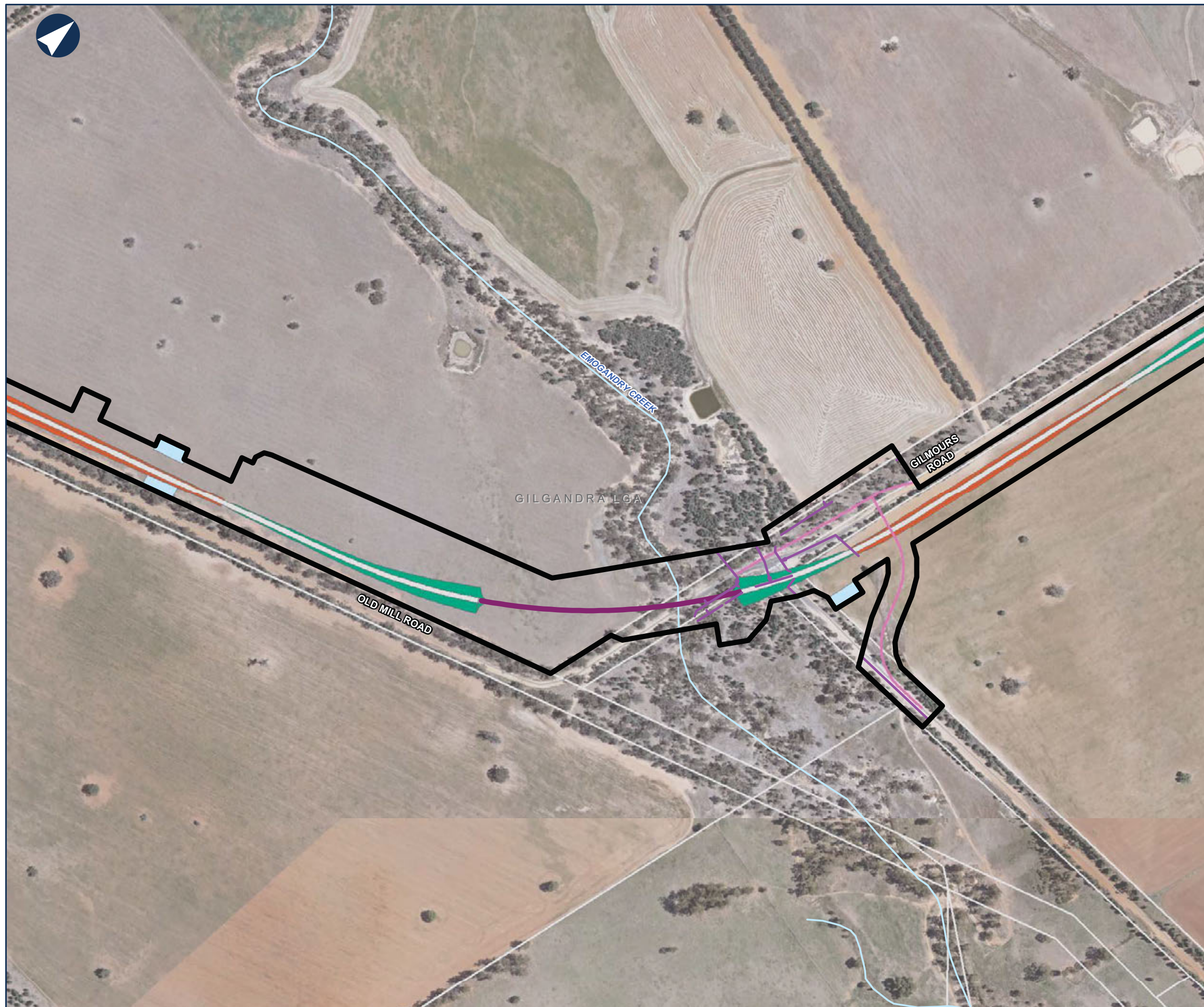
Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000







## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 40 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILMOURS ROAD

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 41 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 42 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILGANDRA LGA



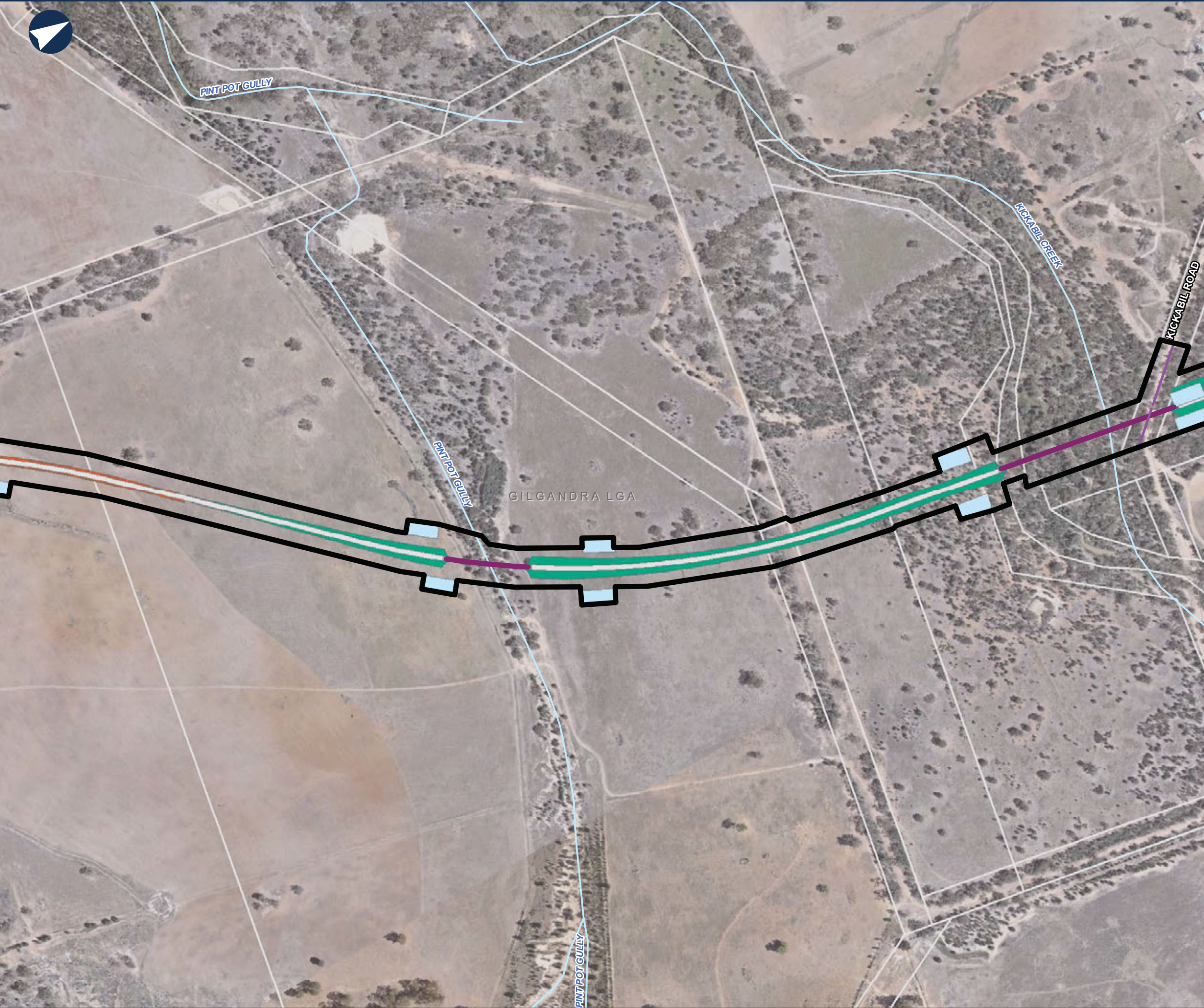
0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD  
Paper: A3  
Scale: 1:8,000













NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 43 OF 216

LEGEND

-  Construction footprint
-  Cadastre
-  Bridge
-  Sediment basin (indicative)
-  Rail earthworks cut
-  Rail earthworks fill
-  Top of formation
-  Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 44 OF 216

LEGEND

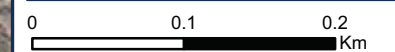
- Construction footprint
- Cadastre
- Bridge
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- General compound
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 65 - 70



Coordinate System: GDA 1994 MGA Zone 55

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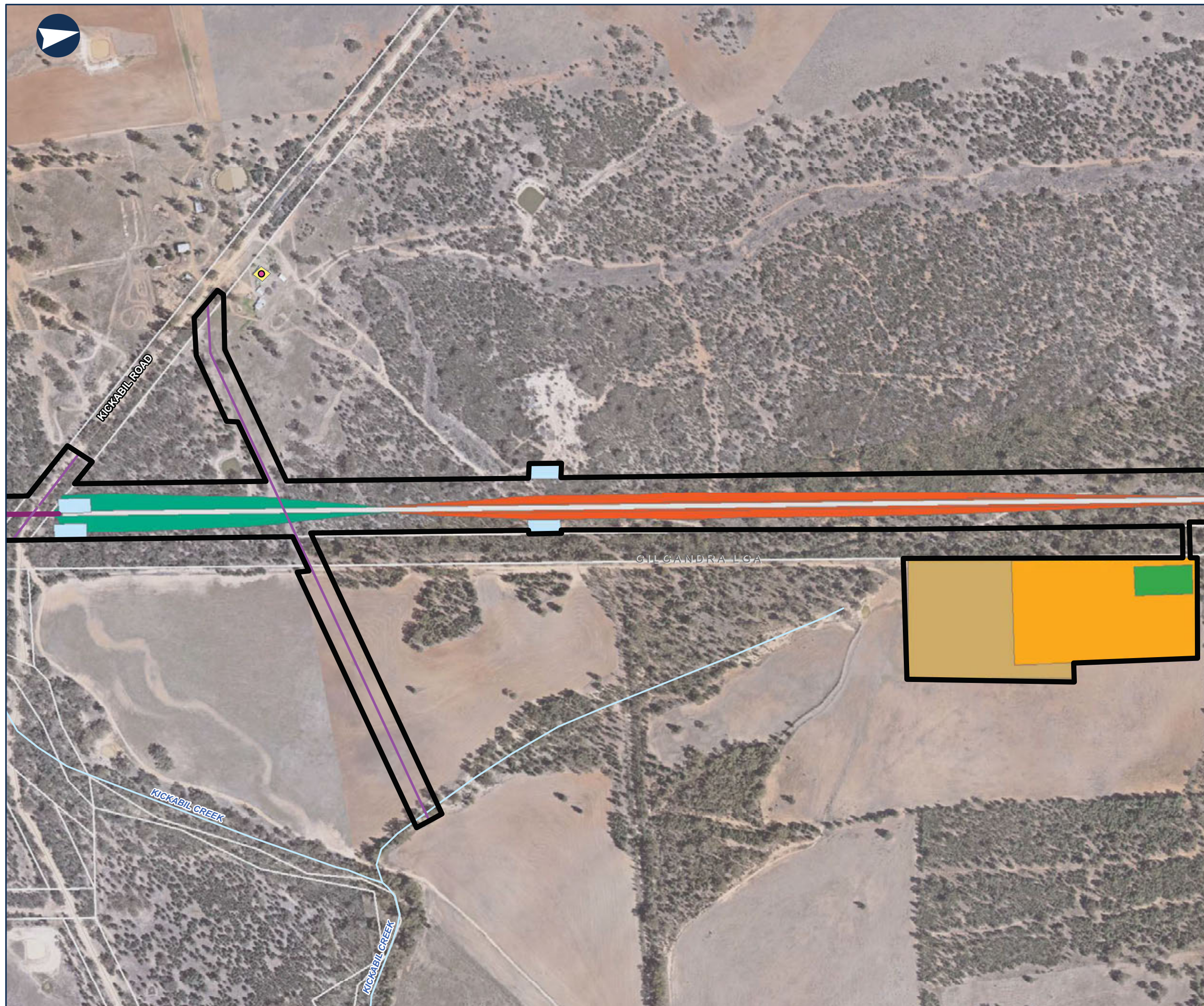
Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000







## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 45 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- General compound

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





NARROMINE TO NARRABRI

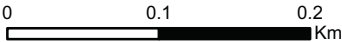
Map Book - Construction Phase

MAP 46 OF 216

LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Top of formation

GILGANDRA LGA



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 47 OF 216

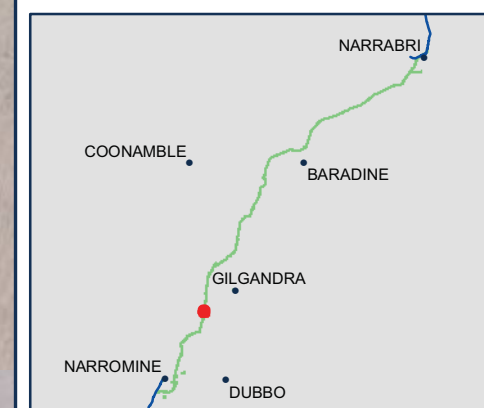
### LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment

Ballaboran crossing loop

GILGANDRA LGA

MILPULLING ROAD



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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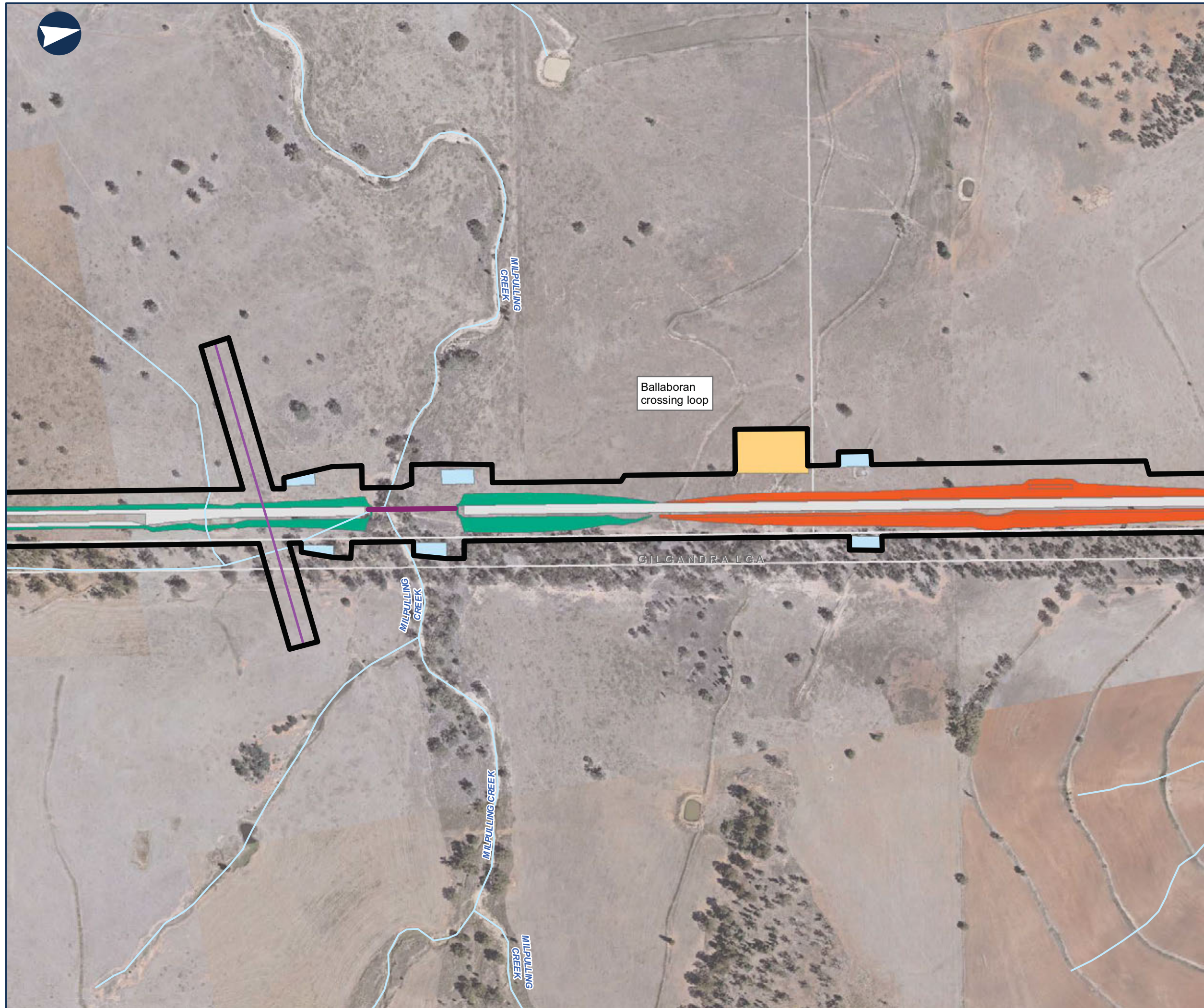
## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 48 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 49 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

Ballaboran crossing loop

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 50 OF 216

### LEGEND

-  Construction footprint
-  Cadastre
-  Bridge
-  Sediment basin (indicative)
-  Rail earthworks cut
-  Rail earthworks fill
-  Top of formation

GILGANDRA LGA



0 0.1 0.2 Km

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 51 OF 216

### LEGEND

-  Construction footprint
-  Cadastre
-  Topsoil storage
-  Sediment basin (indicative)
-  Mobile concrete batch plant
-  Rail earthworks cut
-  Top of formation
-  Road alignment
-  General compound
-  Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 52 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

### Sensitive receiver

- Residential

### Noise level (dB LAeq)

- 95 - 100



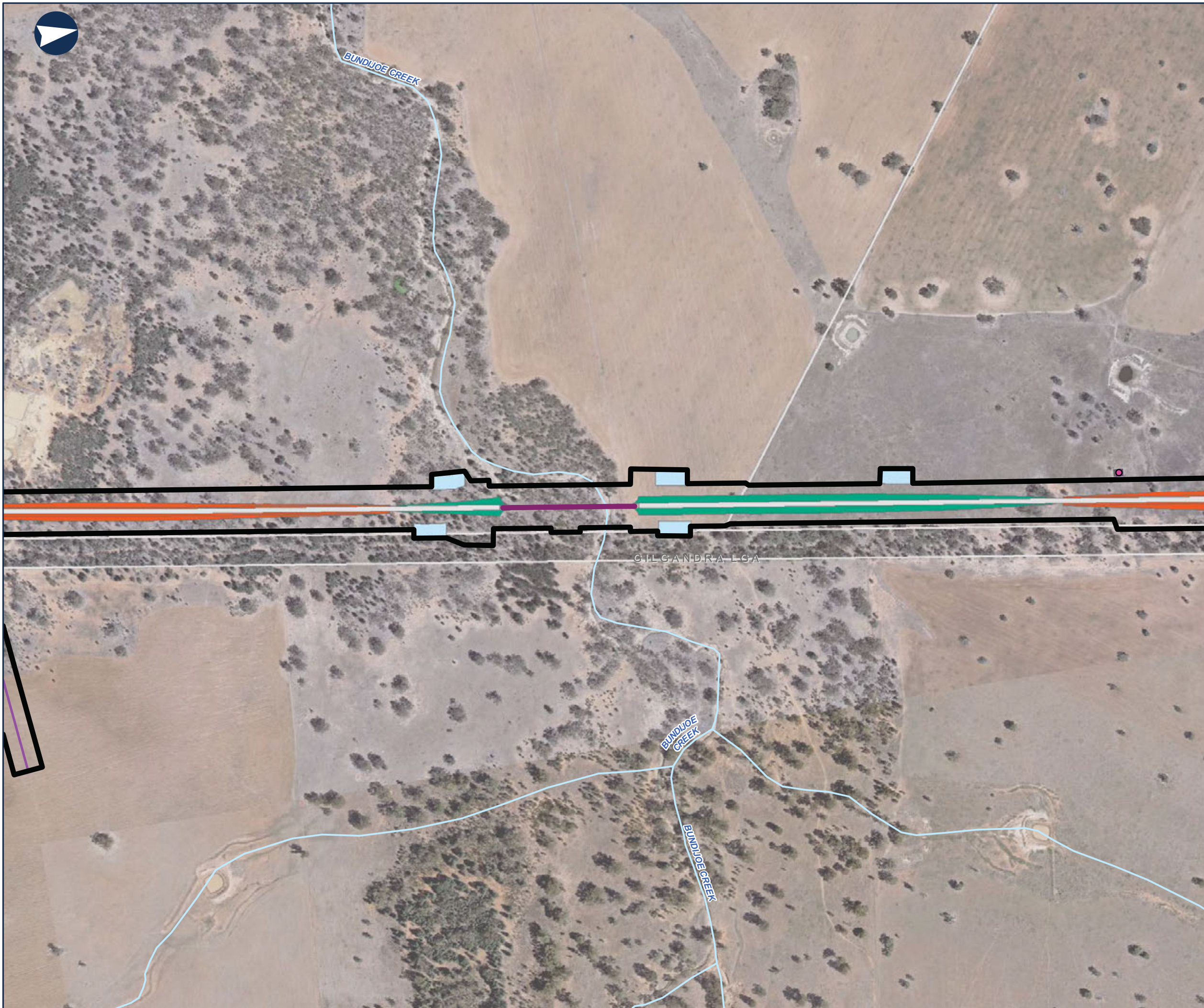
0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD

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Scale: 1:8,000













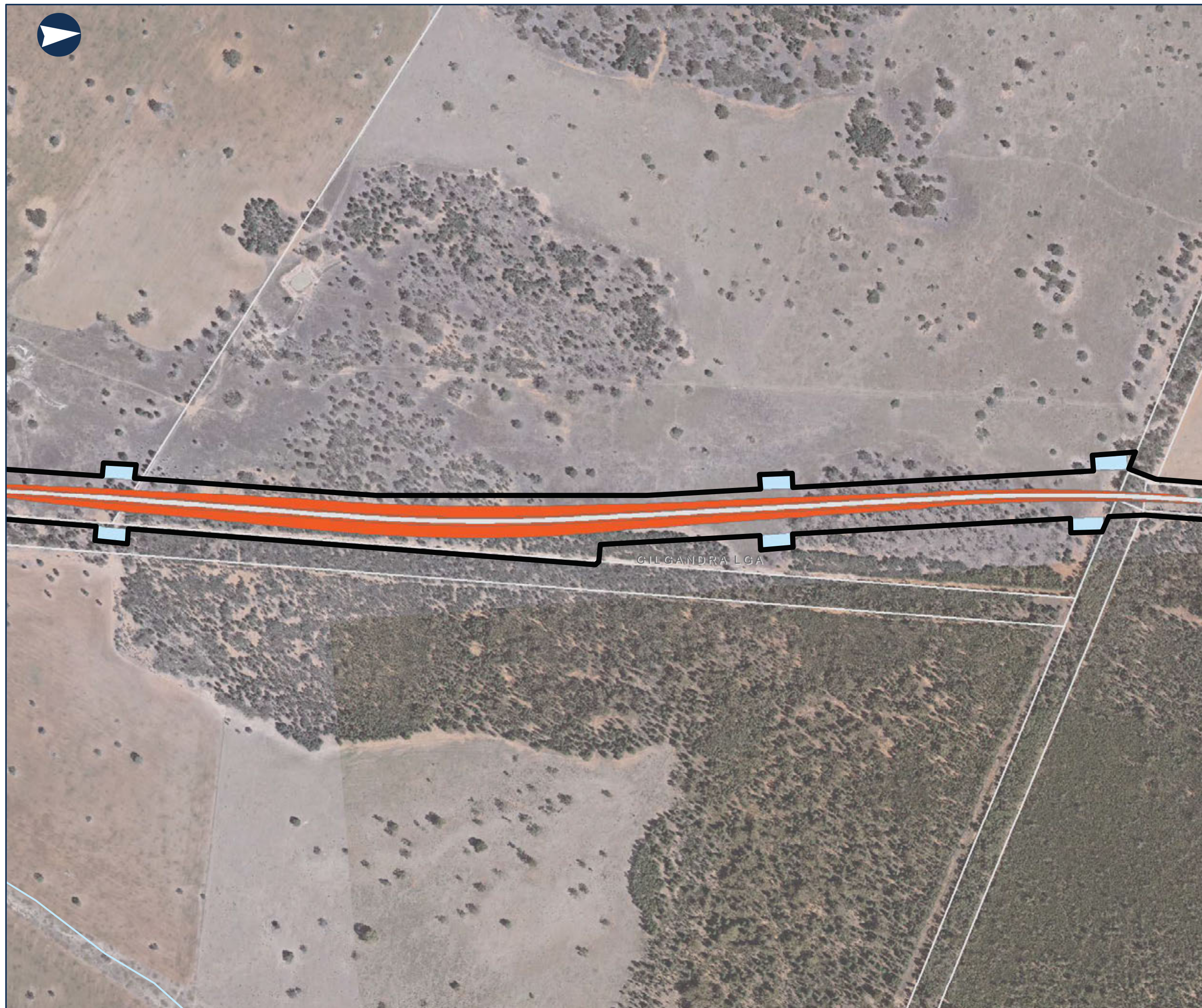
## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 53 OF 216

### LEGEND

-  Construction footprint
-  Cadastre
-  Sediment basin (indicative)
-  Rail earthworks cut
-  Rail earthworks fill
-  Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD

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NARROMINE TO NARRABRI

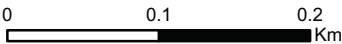
Map Book - Construction Phase

MAP 54 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILGANDRA LGA



Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD  
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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 55 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment



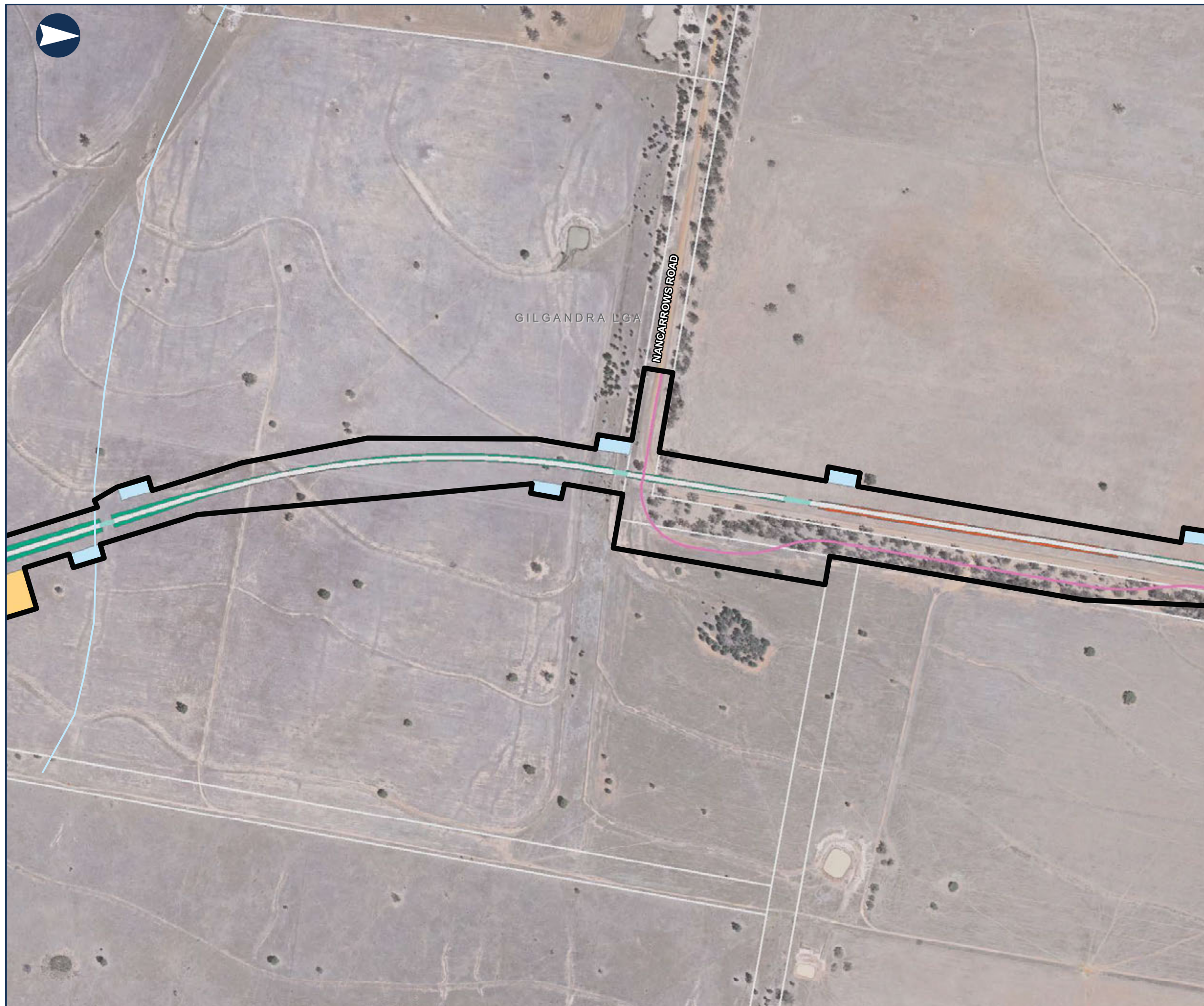
0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 56 OF 216

LEGEND

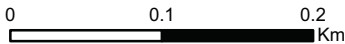
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 55 - 60



Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 57 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

NANCARROWS ROAD

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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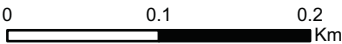
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 58 OF 216

LEGEND

- Construction footprint
- Cadastre
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- General compound

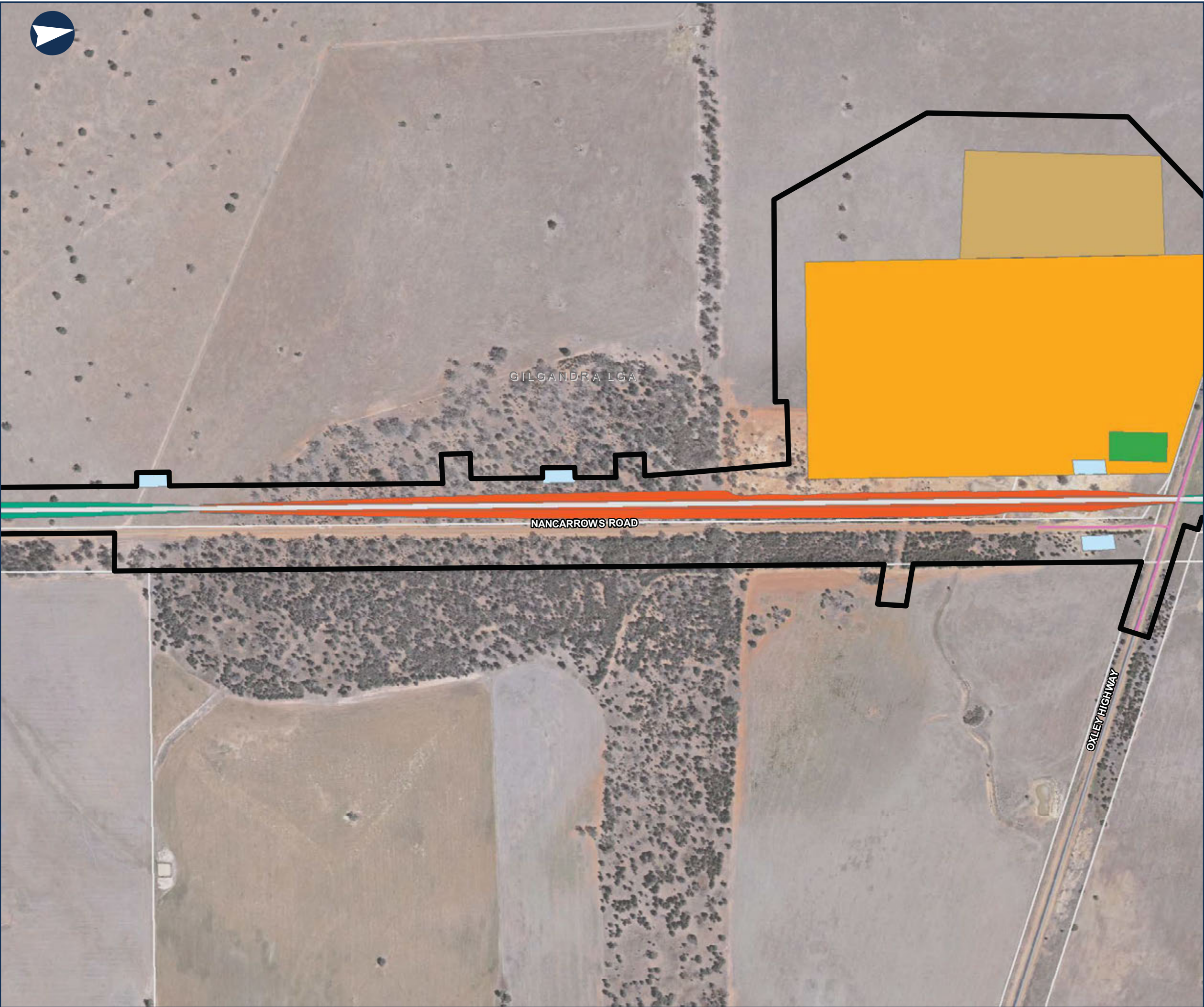


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Data Sources: JacobsGHD

Paper: A3  
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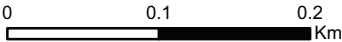
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 59 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- General compound



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 60 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks fill
- Top of formation

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD  
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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 61 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks fill
- Top of formation
- General compound

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 62 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 63 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Road alignment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

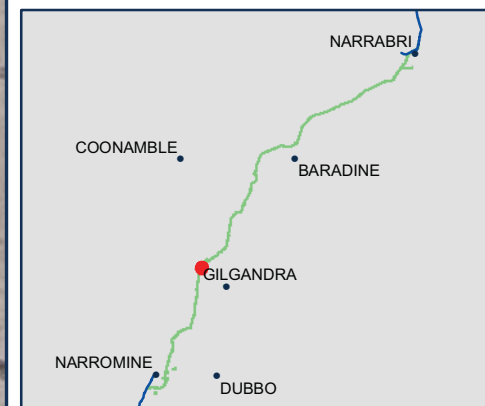
MAP 64 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Road alignment

GILGANDRA LGA

BERIDA ROAD



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 65 OF 216

LEGEND

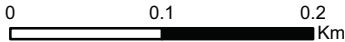
- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 75 - 80

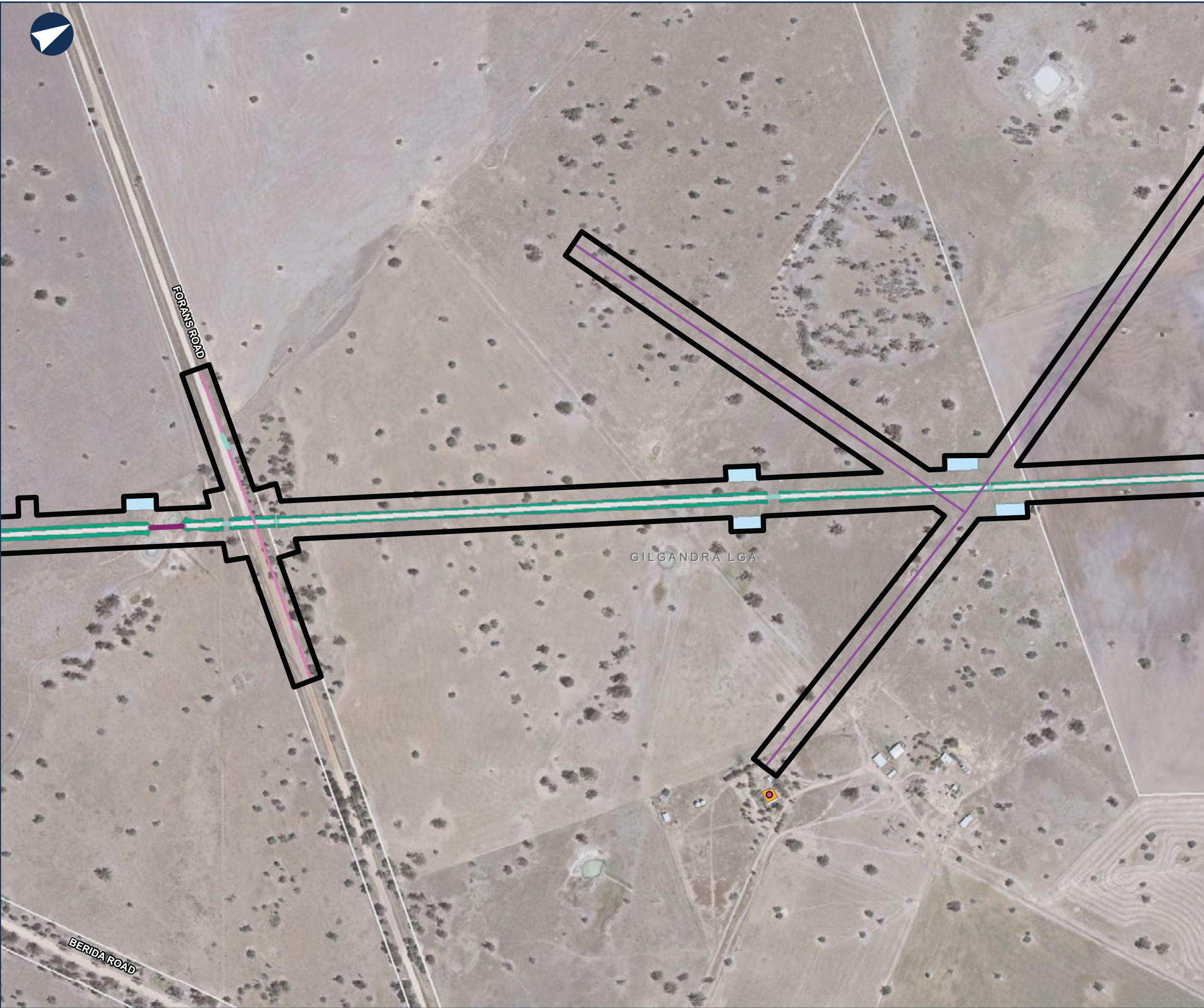


Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 66 OF 216

LEGEND

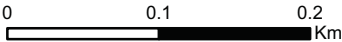
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 55 - 60



Coordinate System: GDA 1994 MGA Zone 55

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Paper: A3  
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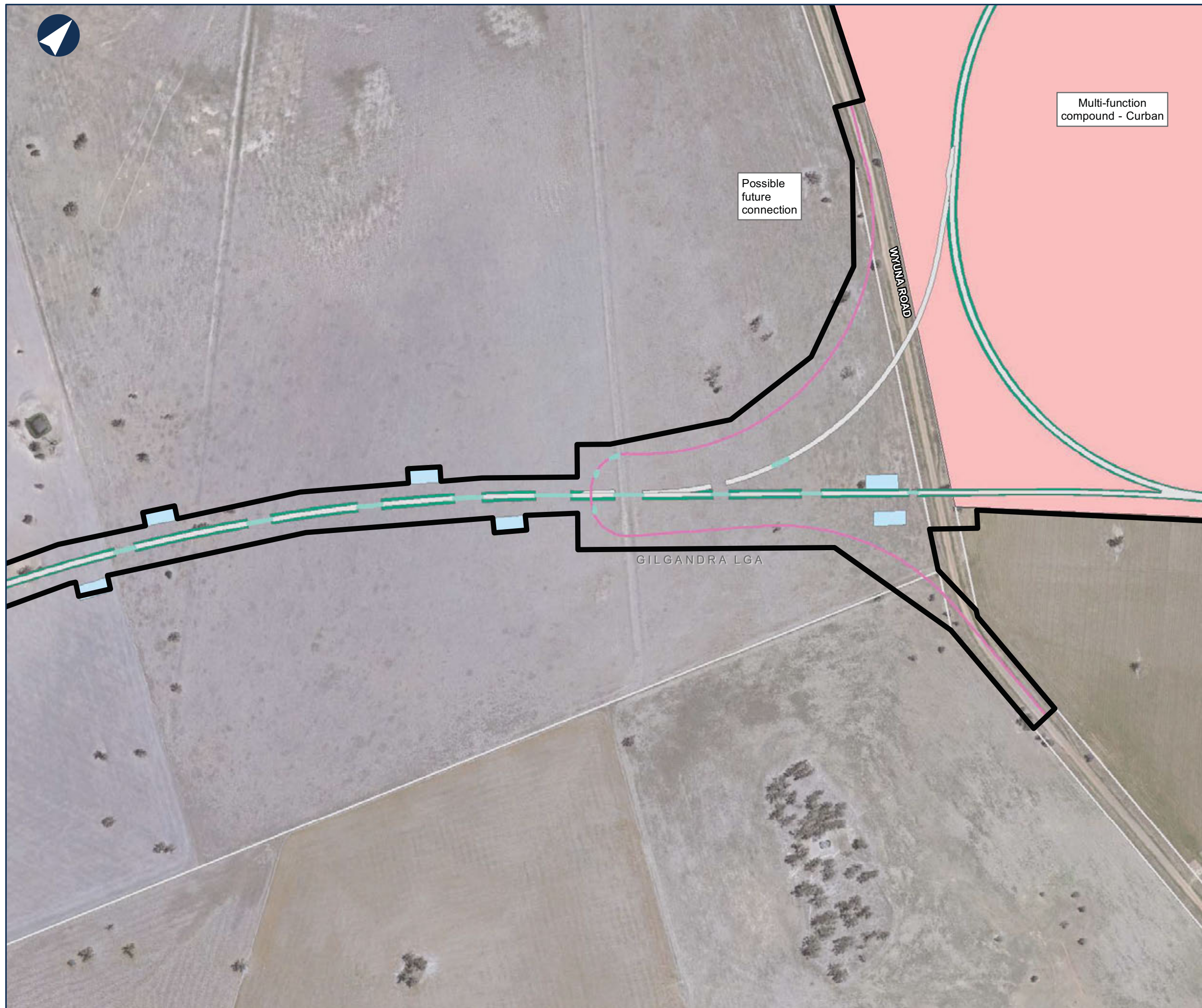
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 67 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Road alignment
- Multi-function compound



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 68 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Welding yard
- Precast facility
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Multi-function compound
- Indicative utility adjustment



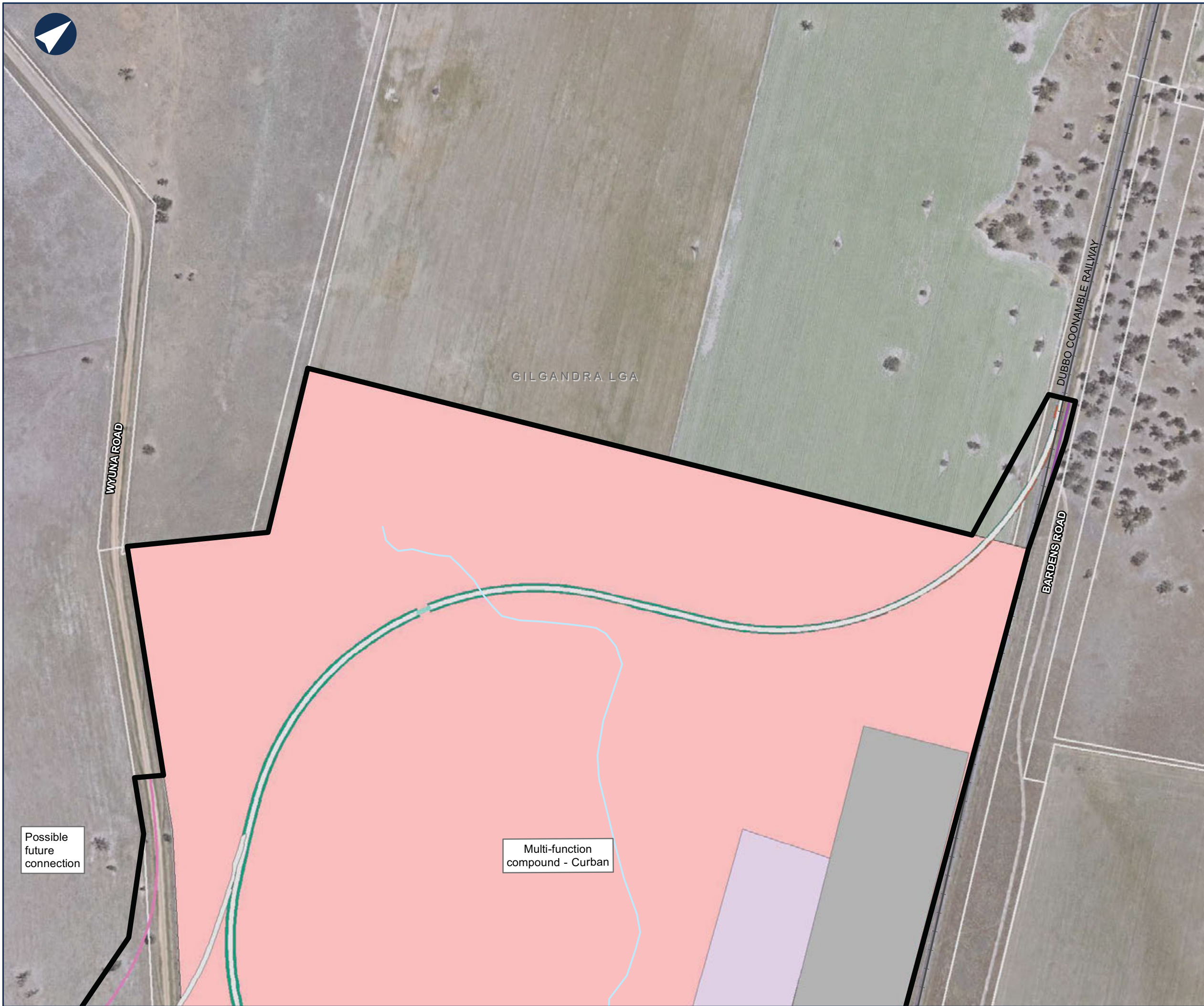
0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 69 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Welding yard
- Precast facility
- Sediment basin (indicative)
- Fixed concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Multi-function compound
- Indicative utility adjustment

Multi-function compound - Curban

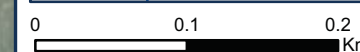
BARDENS ROAD

DUBBO COONAMBLE RAILWAY

GILGANDRA LGA

Possible future connection

WYUNA ROAD



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD  
Paper: A3  
Scale: 1:8,000





NARROMINE TO NARRABRI

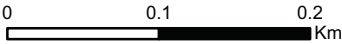
Map Book - Construction Phase

MAP 70 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

GILGANDRA LGA



Coordinate System: GDA 1994 MGA Zone 55

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Date: 13/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





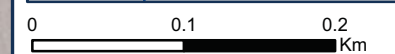
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 71 OF 216

LEGEND

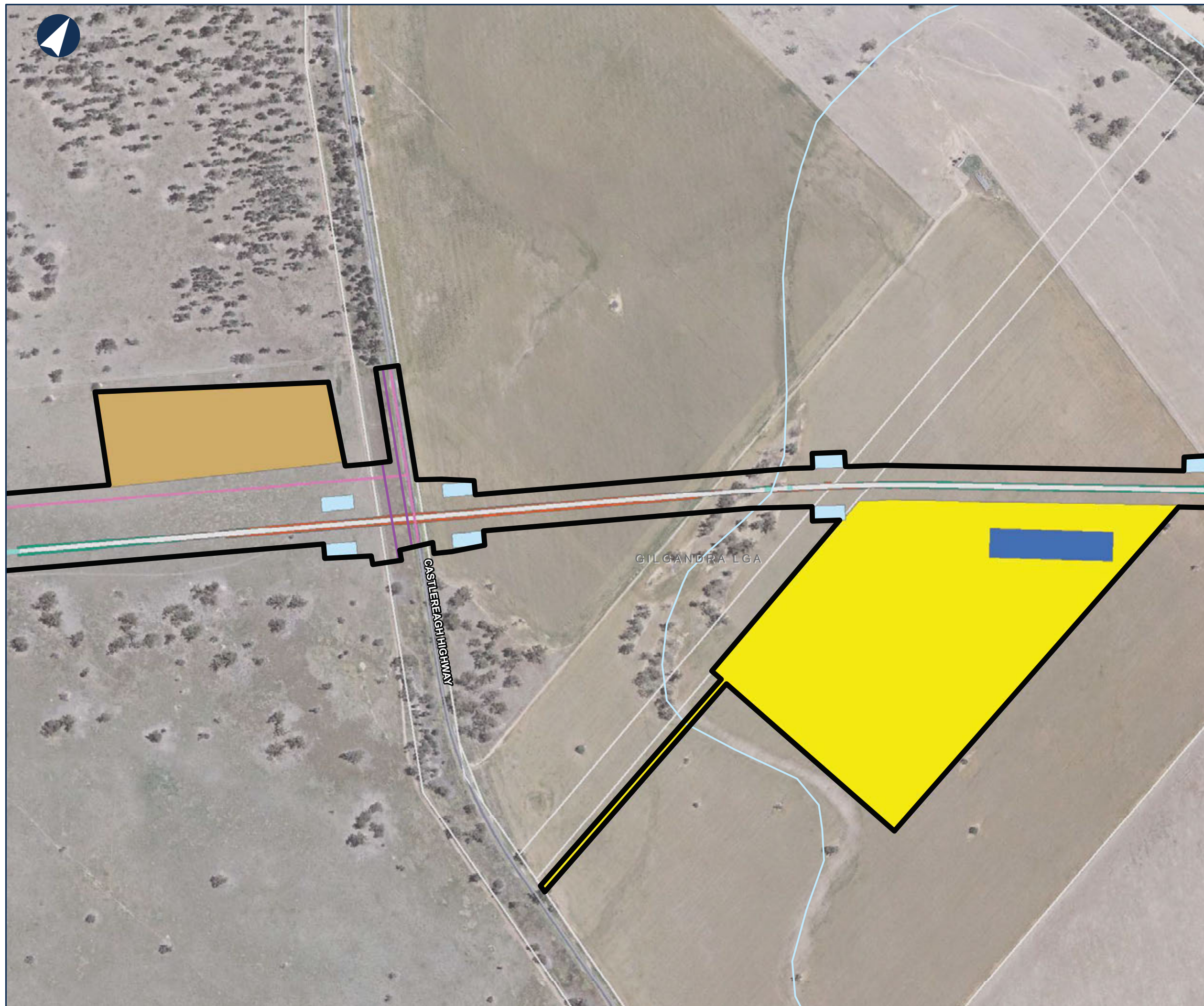
- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Fixed concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Structure compound
- Indicative utility adjustment



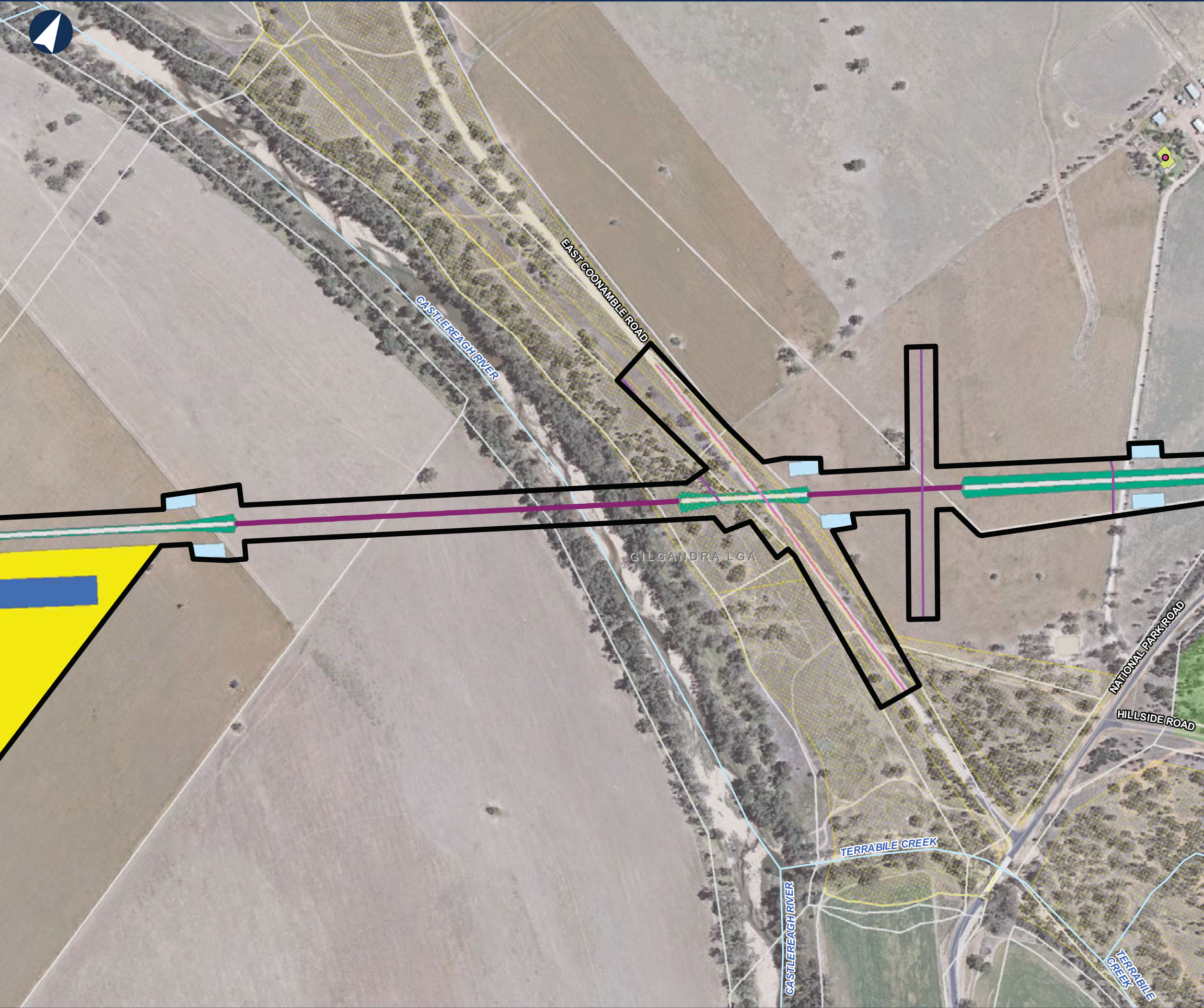
Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 72 OF 216

LEGEND

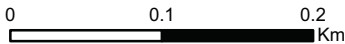
- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Fixed concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Road alignment
- Structure compound
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 60 - 65



Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 73 OF 216

LEGEND

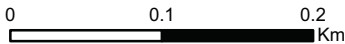
- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 60 - 65



Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 74 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

NATIONAL PARK ROAD

GILGANDRA LGA

CURBAN STATE  
FOREST



0 0.1 0.2 Km

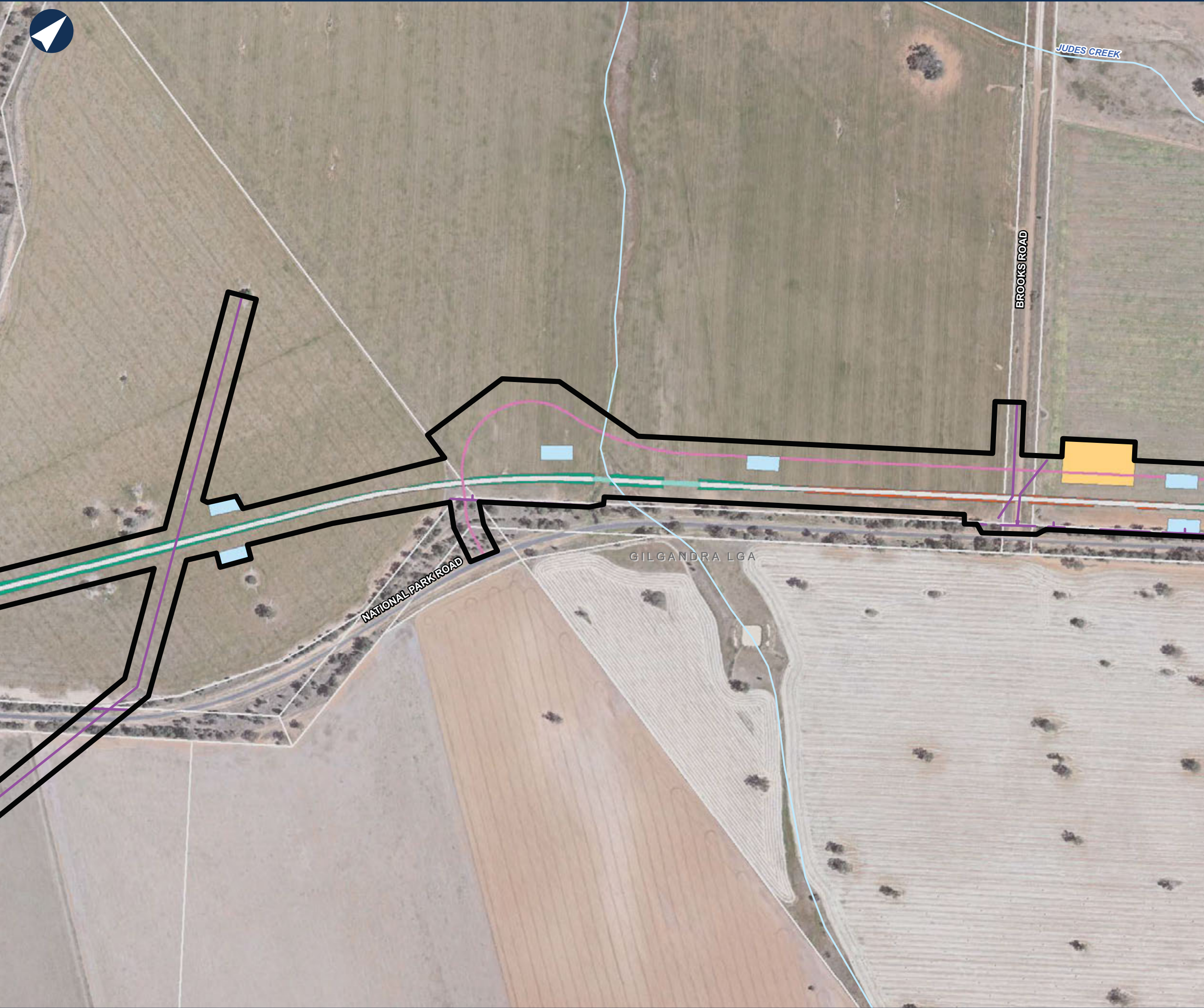
Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 75 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 76 OF 216

LEGEND

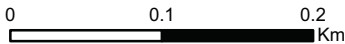
- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 50 - 55



Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 77 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Capping and ballast storage
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- General compound
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 50 - 55
- 55 - 60
- 60 - 65



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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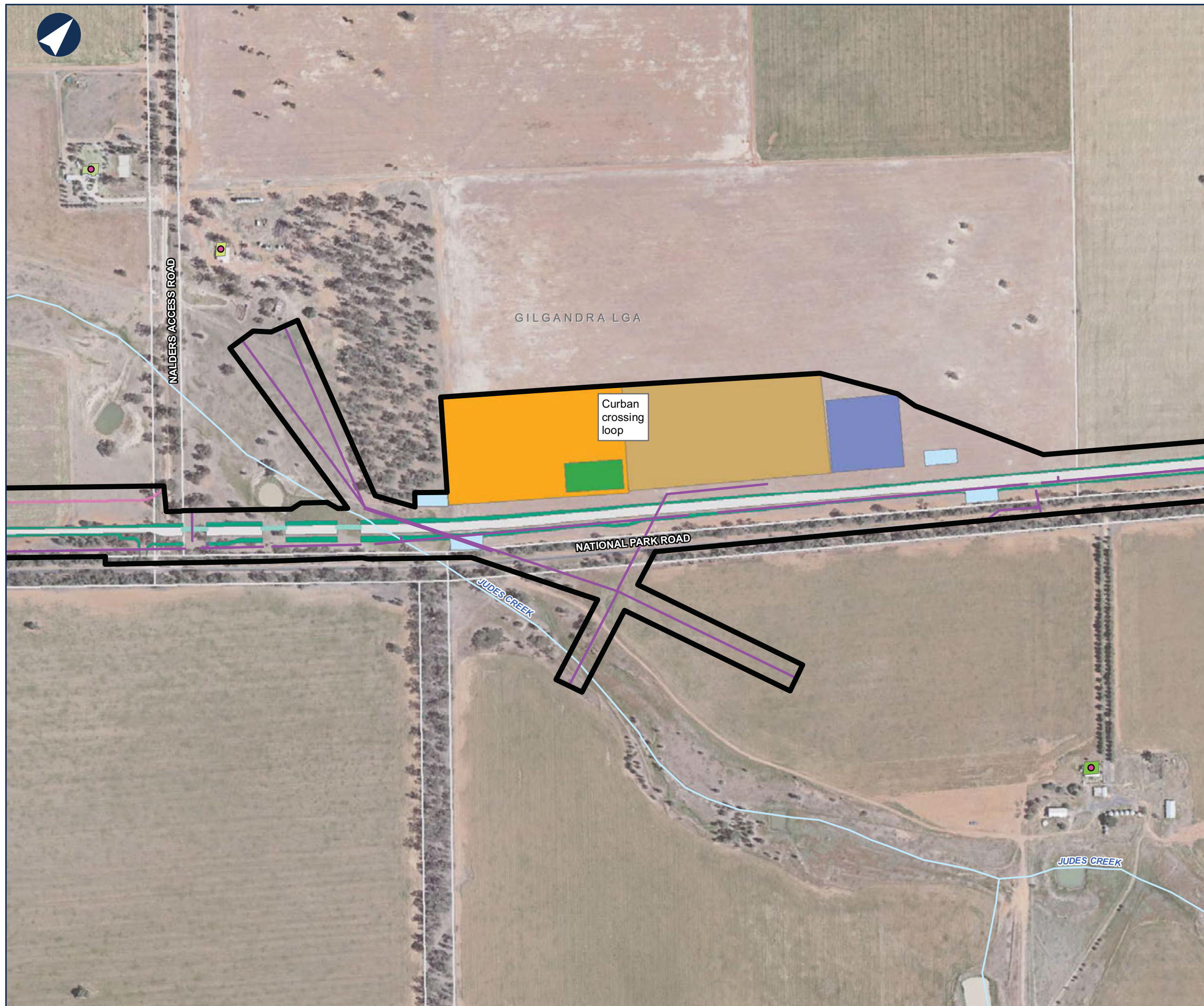
Date: 13/08/2020

Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 78 OF 216

LEGEND

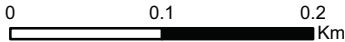
- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 55 - 60



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Paper: A3  
Scale: 1:8,000







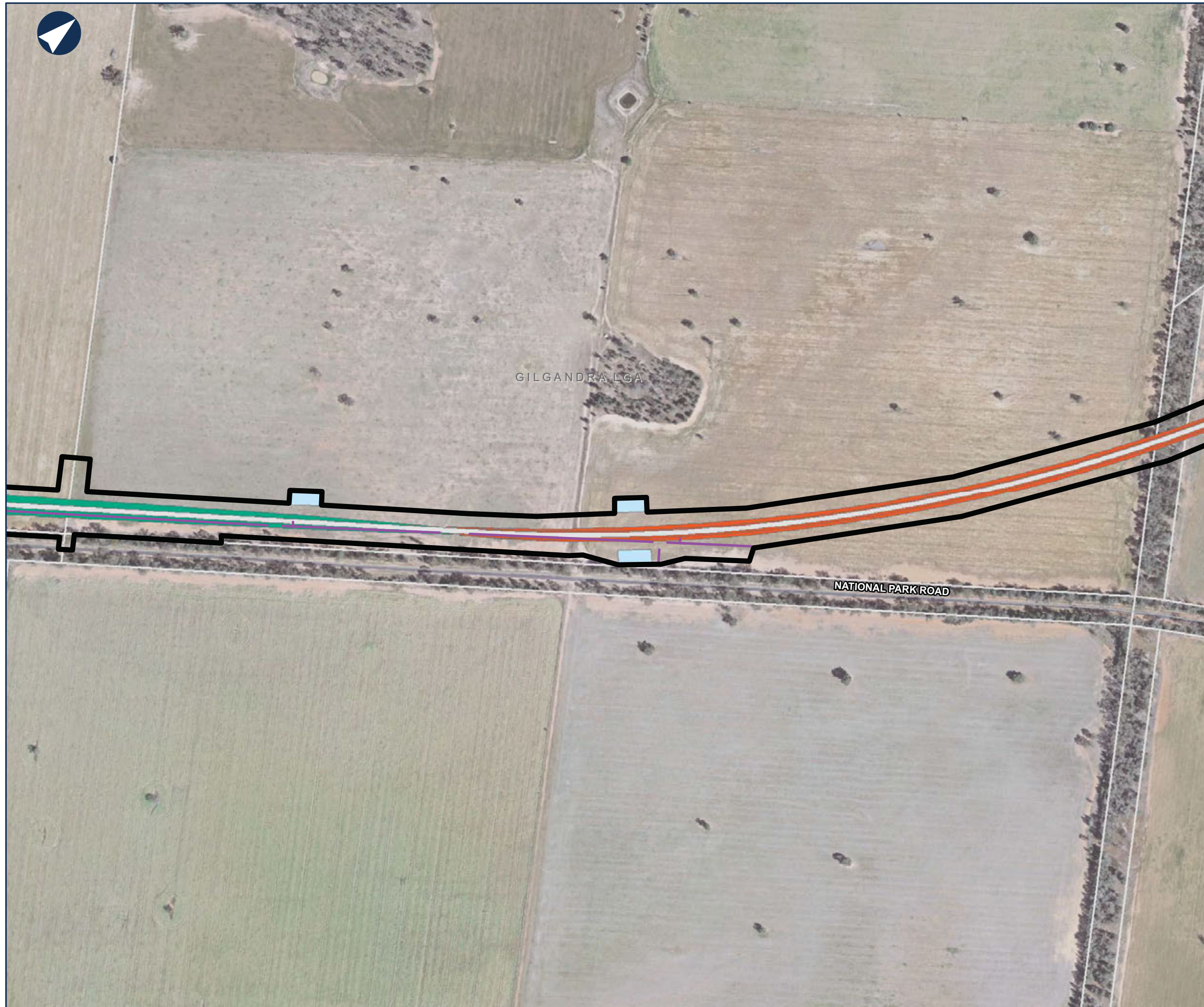
## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 79 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD

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Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

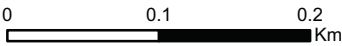
MAP 80 OF 216

LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILGANDRA LGA

NATIONAL PARK ROAD



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 81 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 82 OF 216

LEGEND

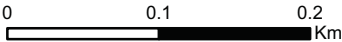
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 60 - 65



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





NARROMINE TO NARRABRI

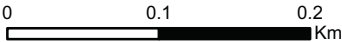
Map Book - Construction Phase

MAP 83 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

GILGANDRA LGA



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

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Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 84 OF 216

LEGEND

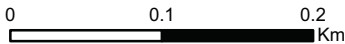
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 85 - 90

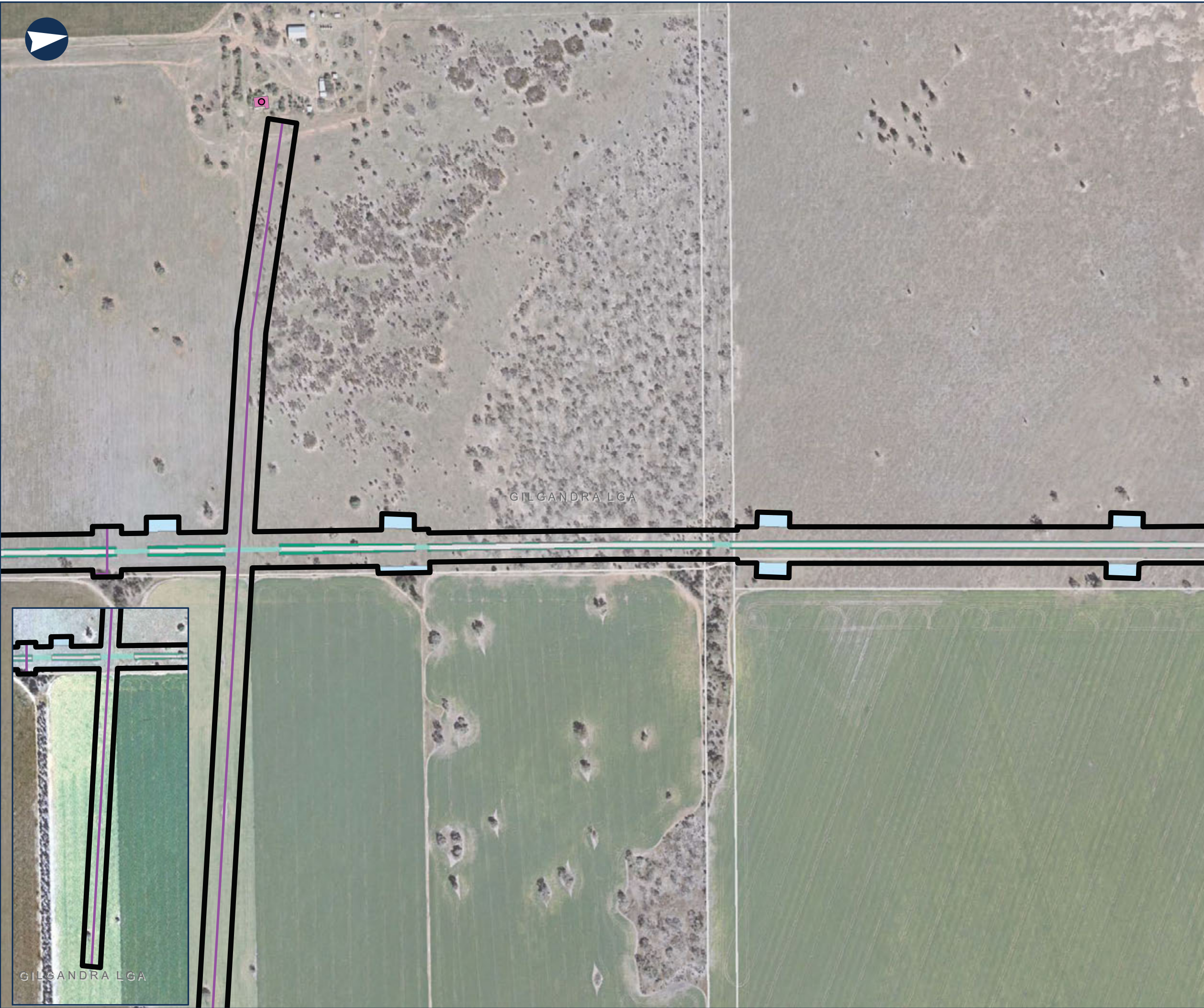


Coordinate System: GDA 1994 MGA Zone 55

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Date: 14/08/2020  
Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:5,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

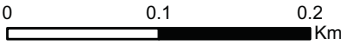
MAP 85 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILGANDRA LGA

GILGAMBONE  
CREEK  
PADDYS CREEK



Coordinate System: GDA 1994 MGA Zone 55

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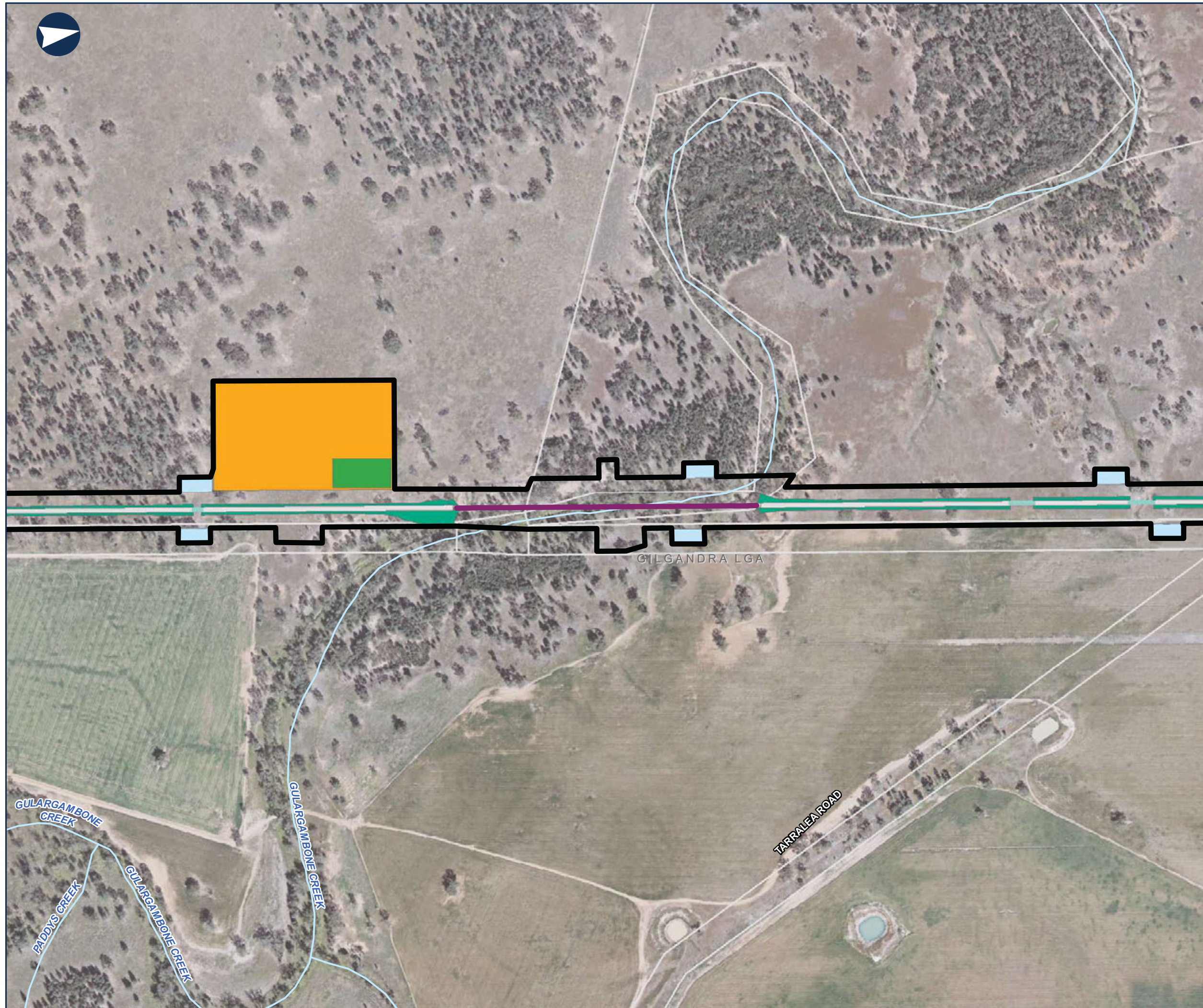
## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 86 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks fill
- Top of formation
- General compound



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 87 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD  
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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 88 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

### Sensitive receiver

- Residential

### Noise level (dB LAeq)

- 55 - 60



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





# NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 89 OF 216

## LEGEND

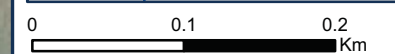
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

## Sensitive receiver

- Residential

## Noise level (dB LAeq)

- 70 - 75



Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)

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Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 90 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

GILGANDRA LGA

SEVEN MILE ROAD



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 91 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 92 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation



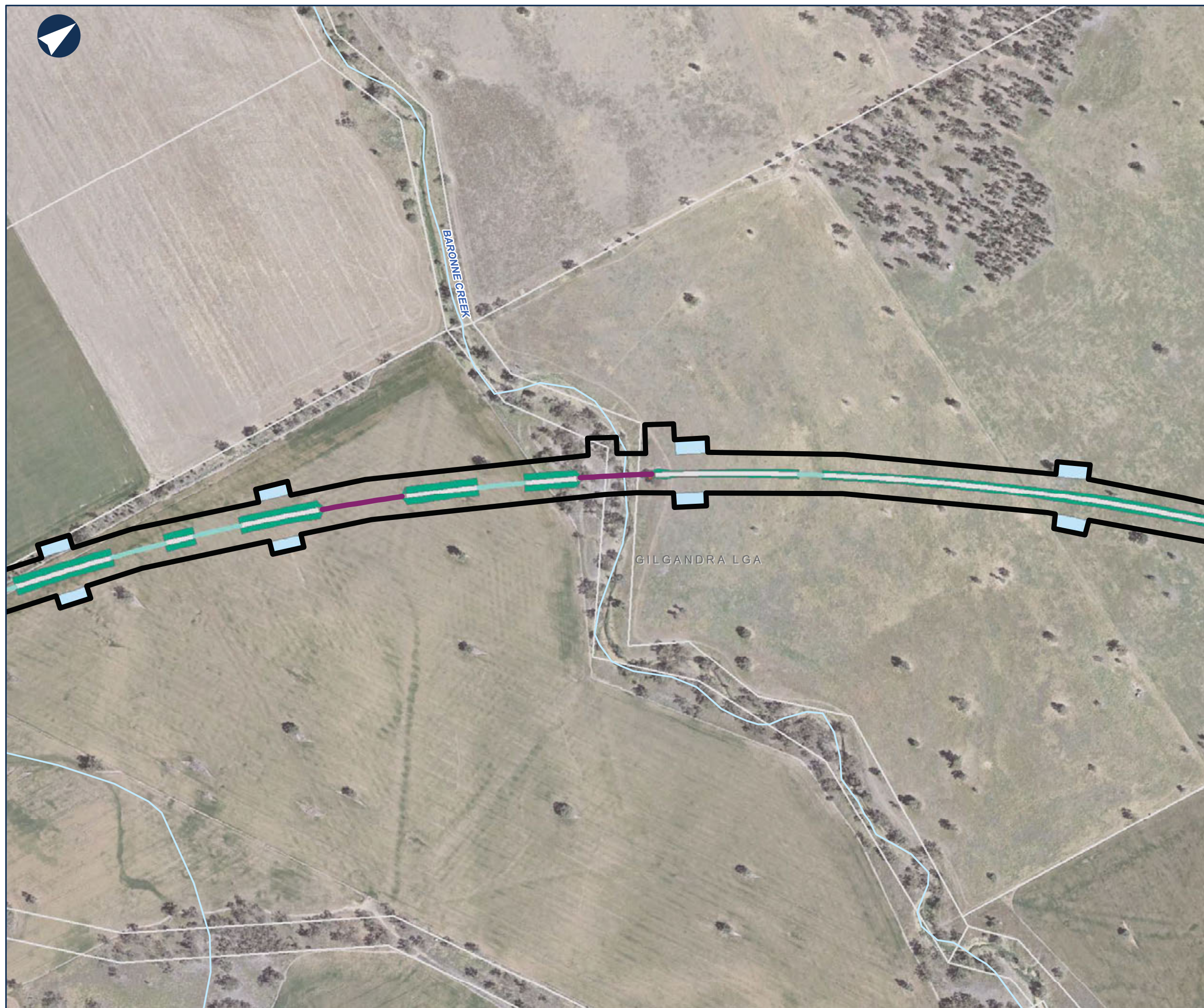
0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
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Paper: A3  
Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 93 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks fill
- Top of formation
- Travelling stock reserve
- Road alignment
- General compound
- Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 94 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks fill
- Top of formation
- Road alignment
- General compound
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 65 - 70

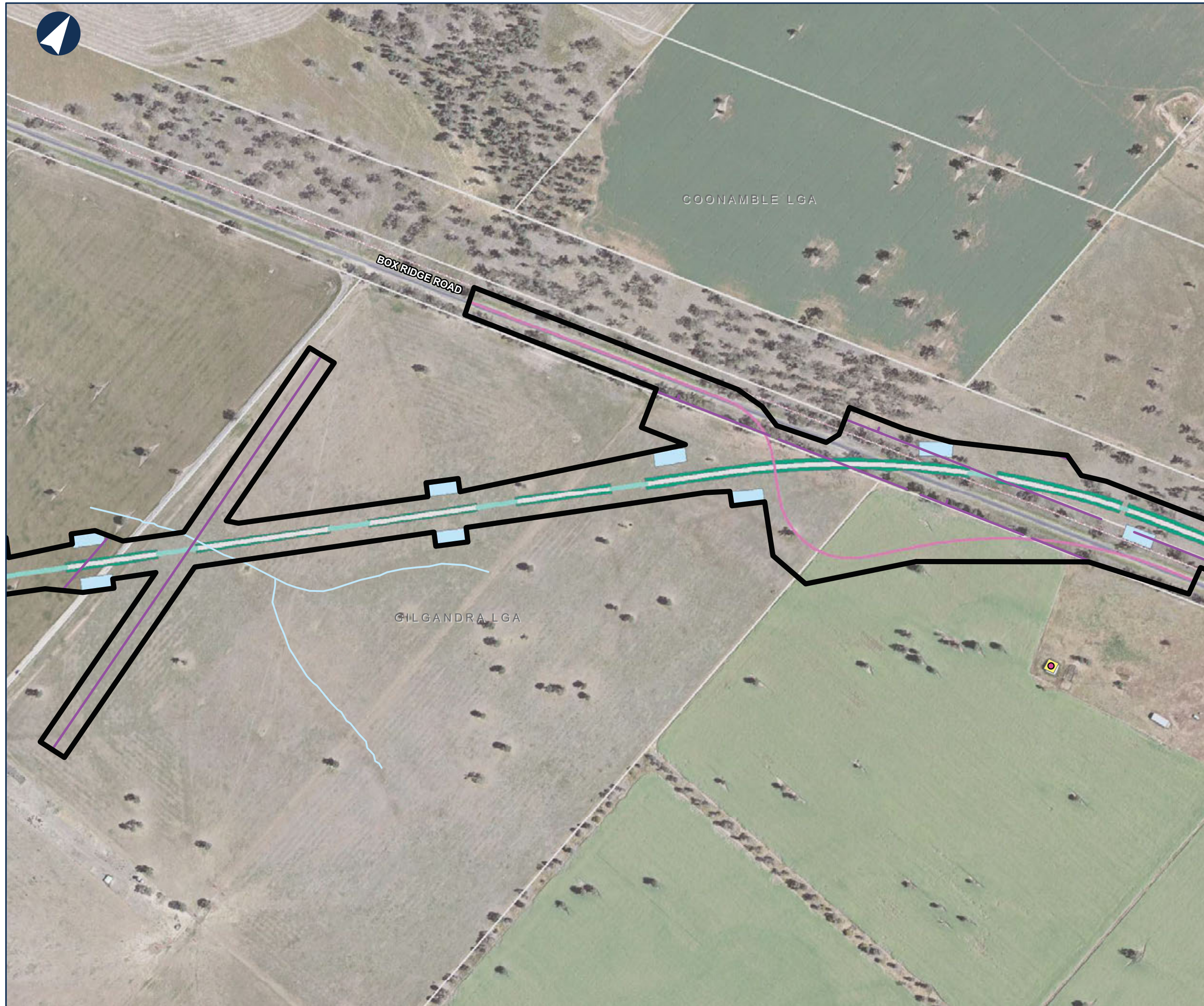


0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)  
Data Sources: JacobsGHD  
Paper: A3  
Scale: 1:8,000







NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 95 OF 216

LEGEND

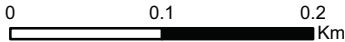
- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 65 - 70

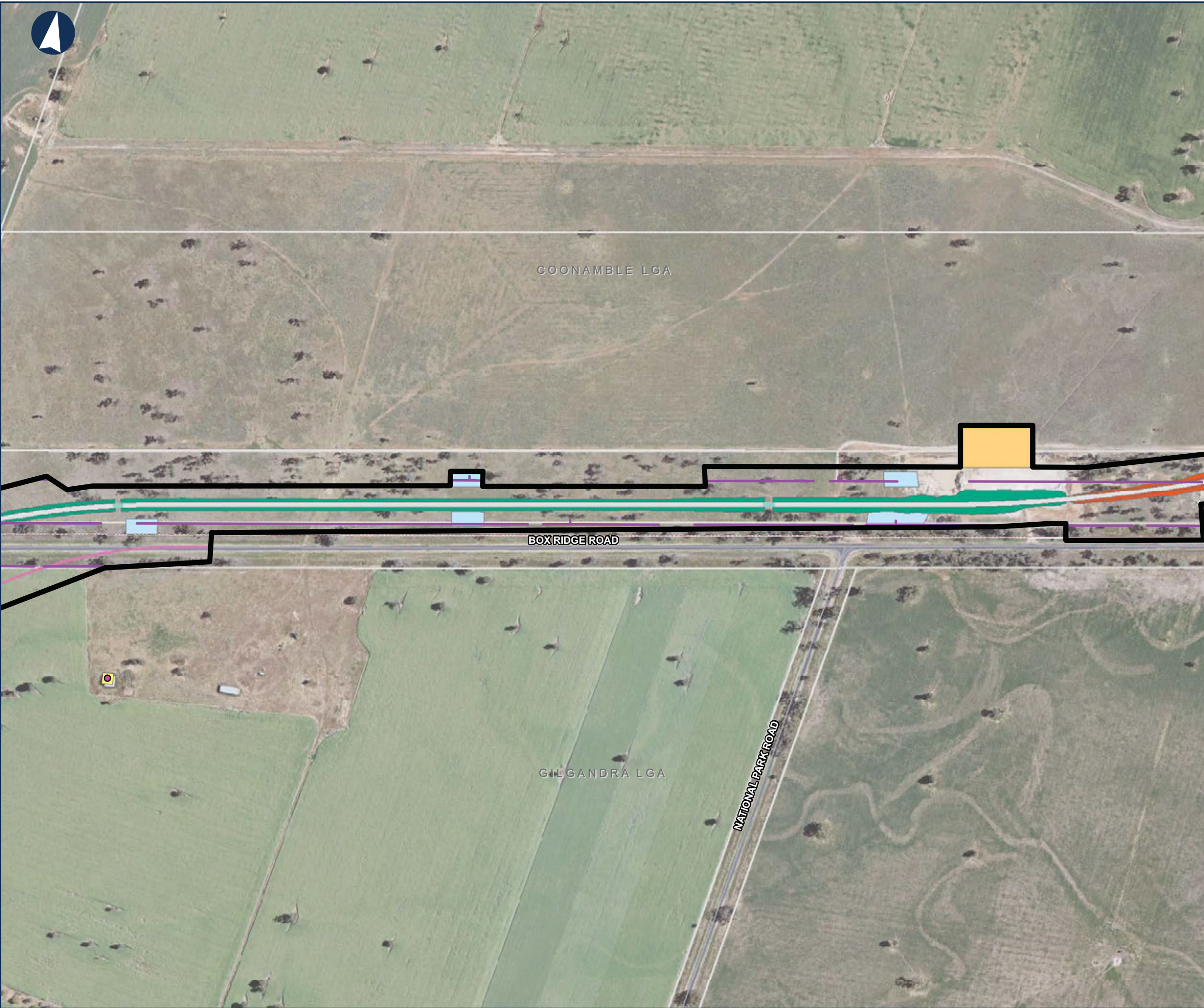


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Author: PK (GHD)  
Data Sources: JacobsGHD

Paper: A3  
Scale: 1:8,000







## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 96 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

NATIONAL PARK ROAD

COONAMBLE LGA

GILGANDRA LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 97 OF 216

LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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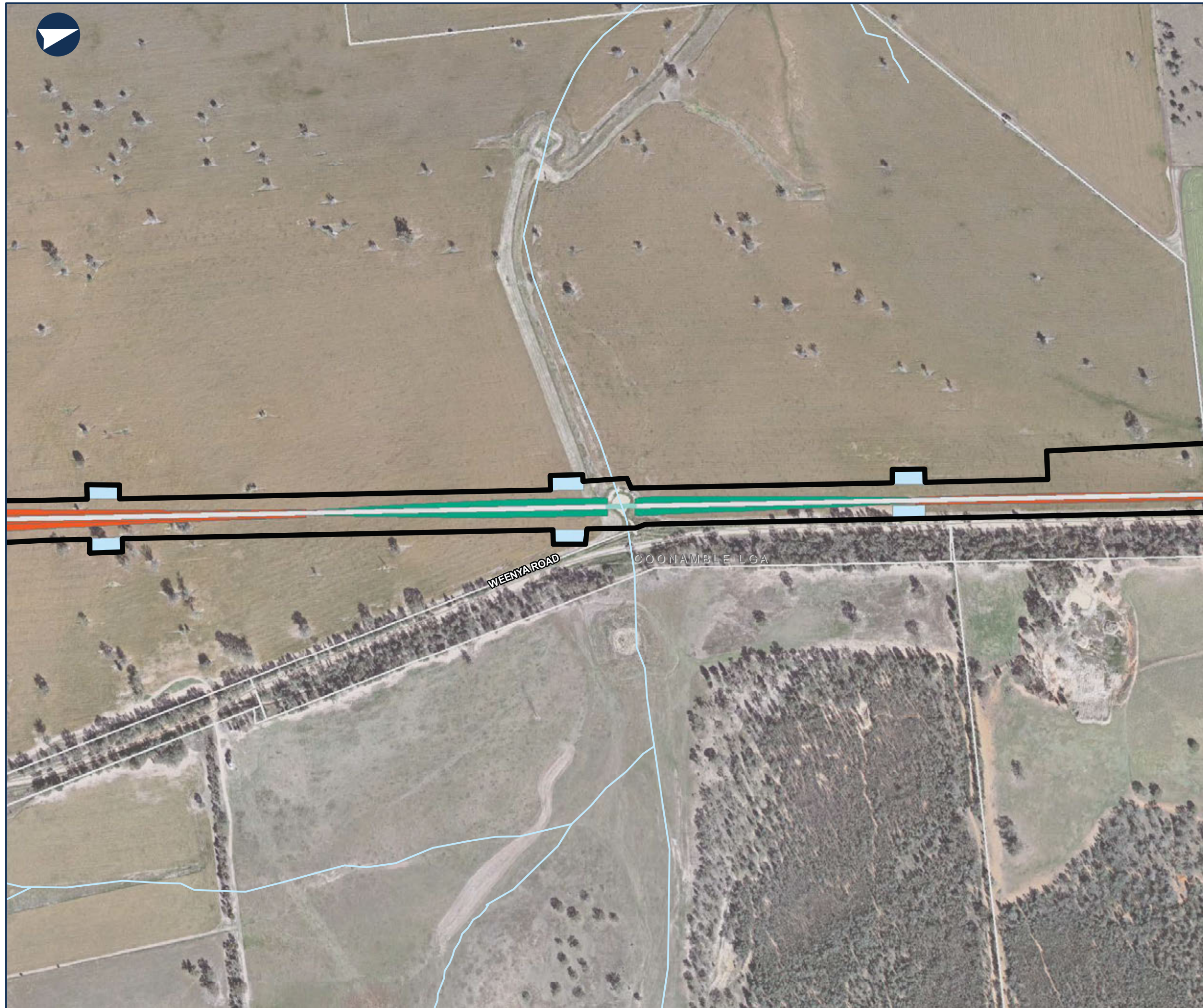
## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 98 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 99 OF 216

LEGEND

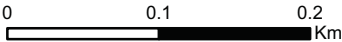
- Construction footprint
- Cadastre
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Capping and ballast storage
- Rail earthworks cut
- Top of formation
- Road alignment
- General compound

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 60 - 65



Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 100 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Mobile concrete batch plant
- Capping and ballast storage
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- General compound
- Indicative utility adjustment



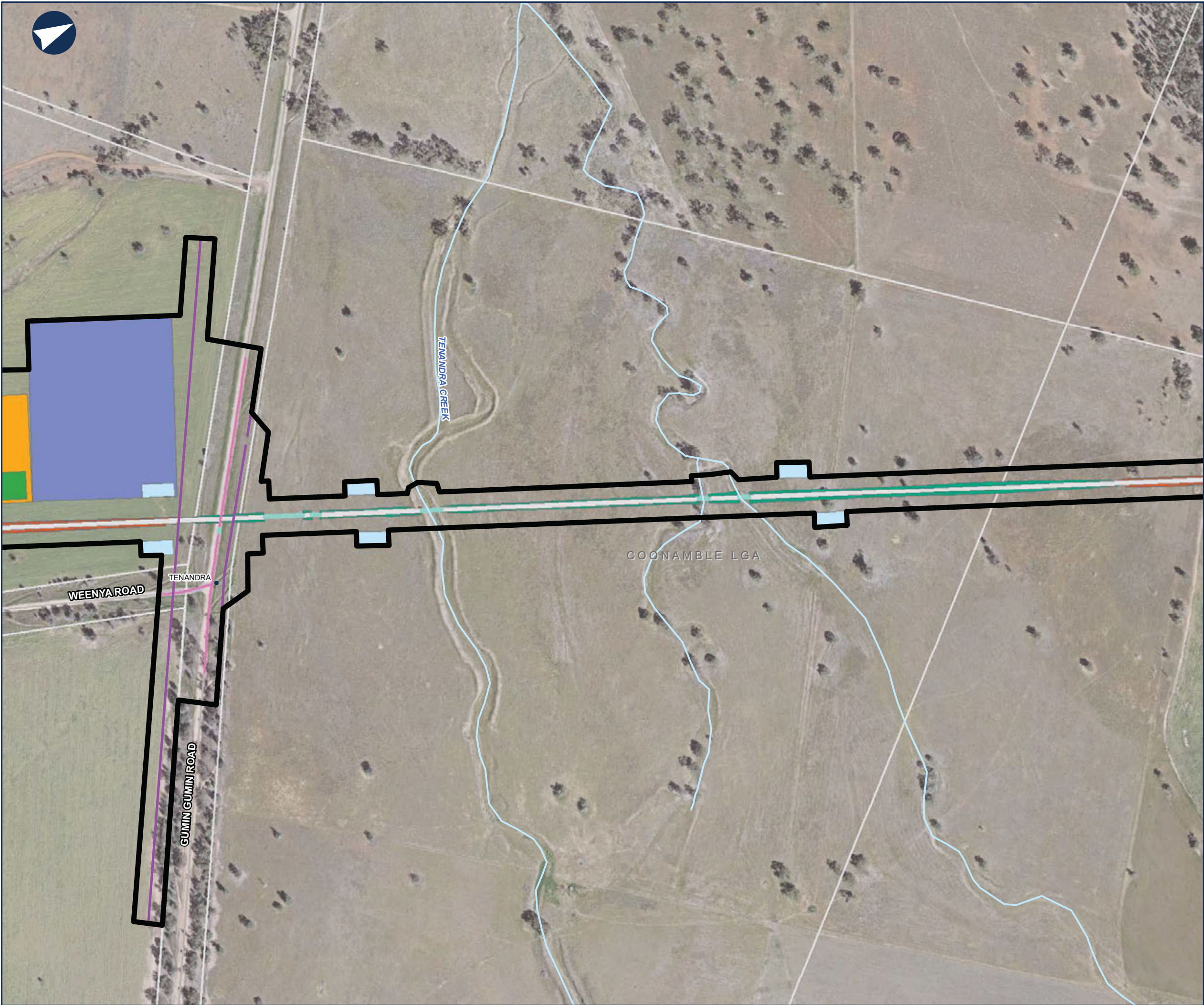
0 0.1 0.2 Km

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 101 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment



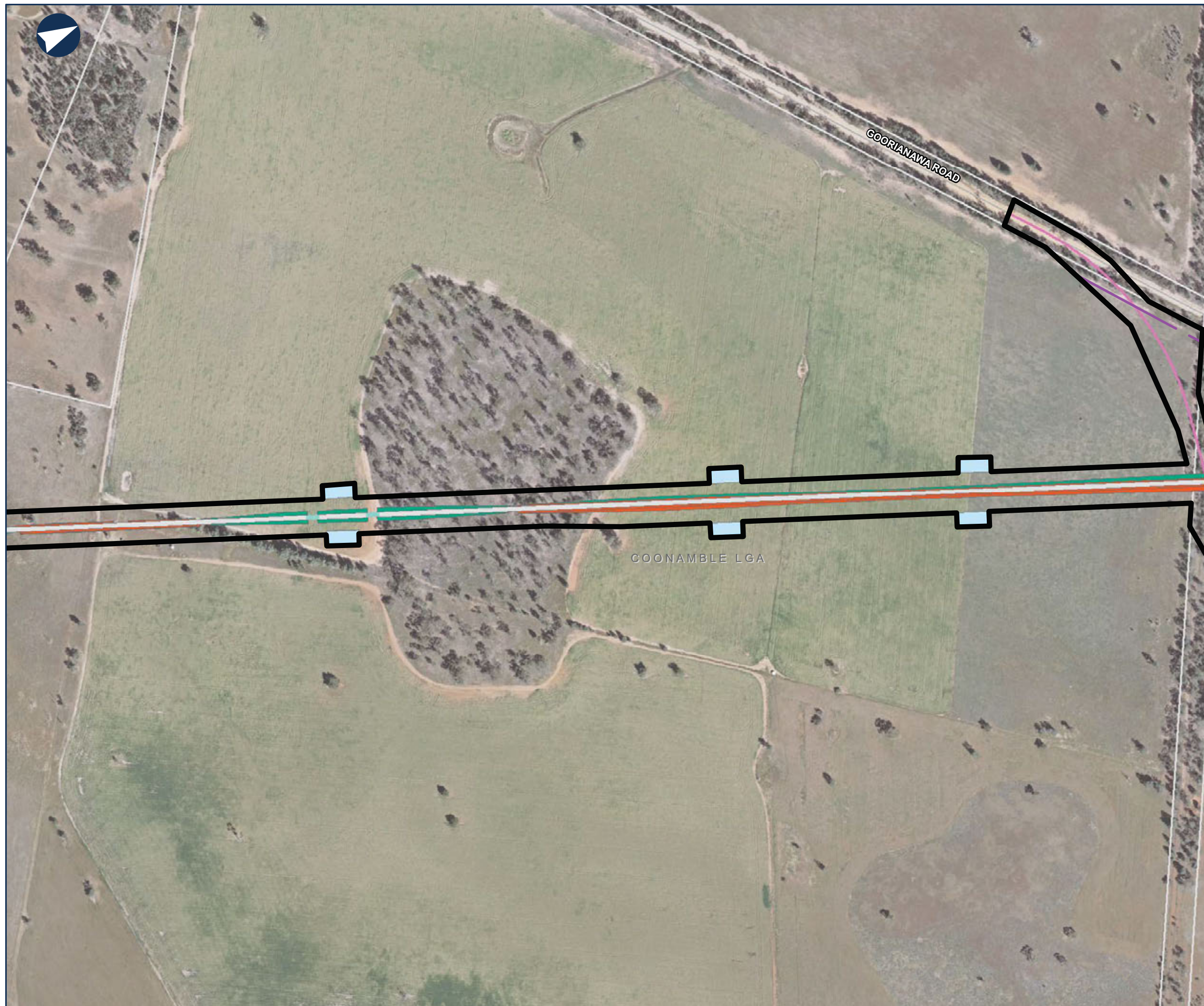
0 0.1 0.2 Km

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# NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 102 OF 216

## LEGEND

-  Construction footprint
-  Cadastre
-  Culvert
-  Sediment basin (indicative)
-  Minor compound
-  Rail earthworks cut
-  Rail earthworks fill
-  Top of formation
-  Road alignment
-  Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: PK (GHD)

Data Sources: JacobsGHD

Paper: A3

Scale: 1:8,000





## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 103 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 104 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment



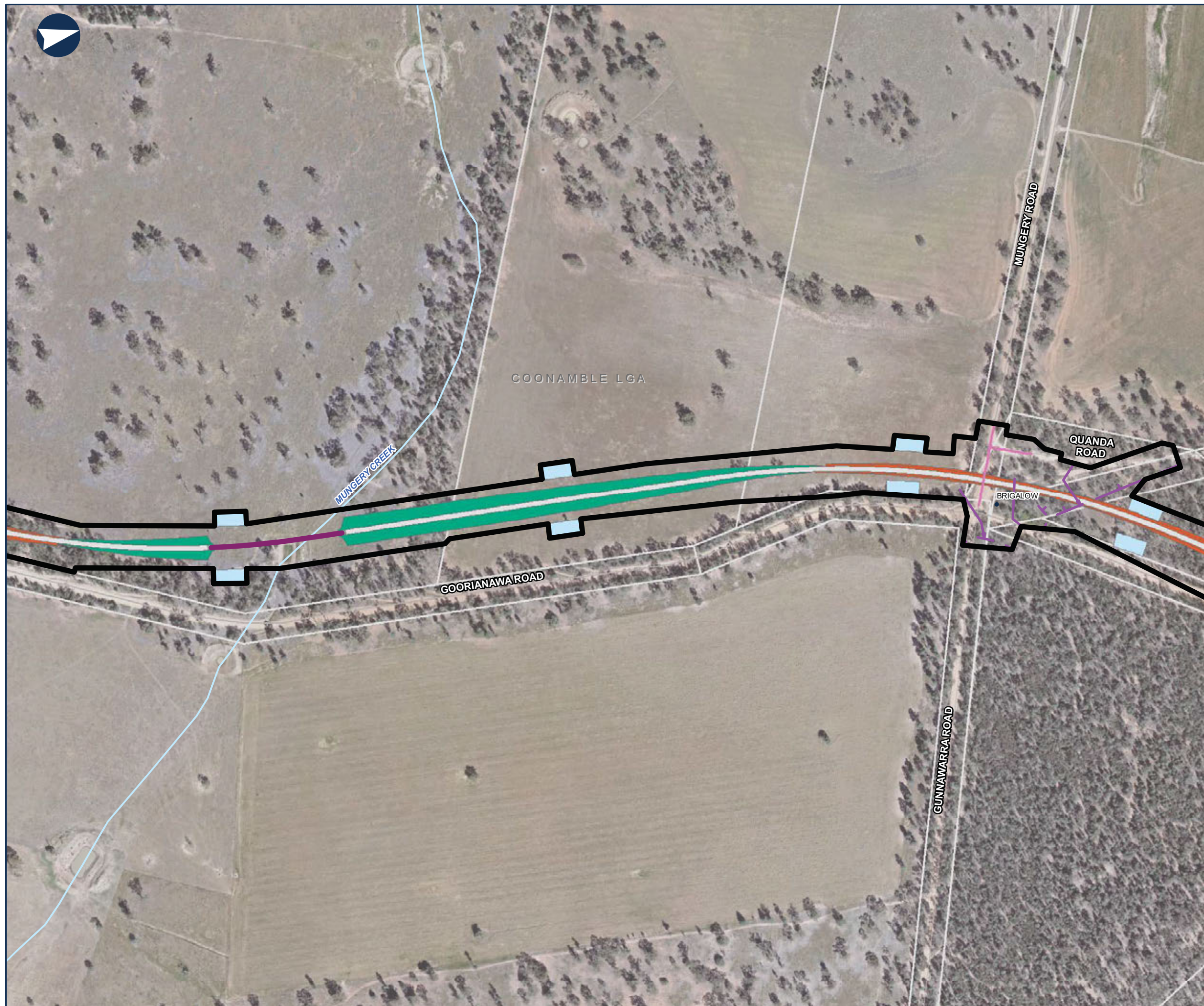
0 0.1 0.2 Km

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NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 105 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Road alignment
- Indicative utility adjustment



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Scale: 1:8,000

Black Hollow / Quanda crossing loop

COONAMBLE LGA

CALERINI CREEK

CALERINI CREEK

GOORIANAWA ROAD

QUANDA ROAD

GUNNWARA ROAD





NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 106 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Topsoil storage
- Sediment basin (indicative)
- Mobile concrete batch plant
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- General compound
- Indicative utility adjustment

Sensitive receiver

- Residential

Noise level (dB LAeq)

- 90 - 95



0 0.1 0.2 Km

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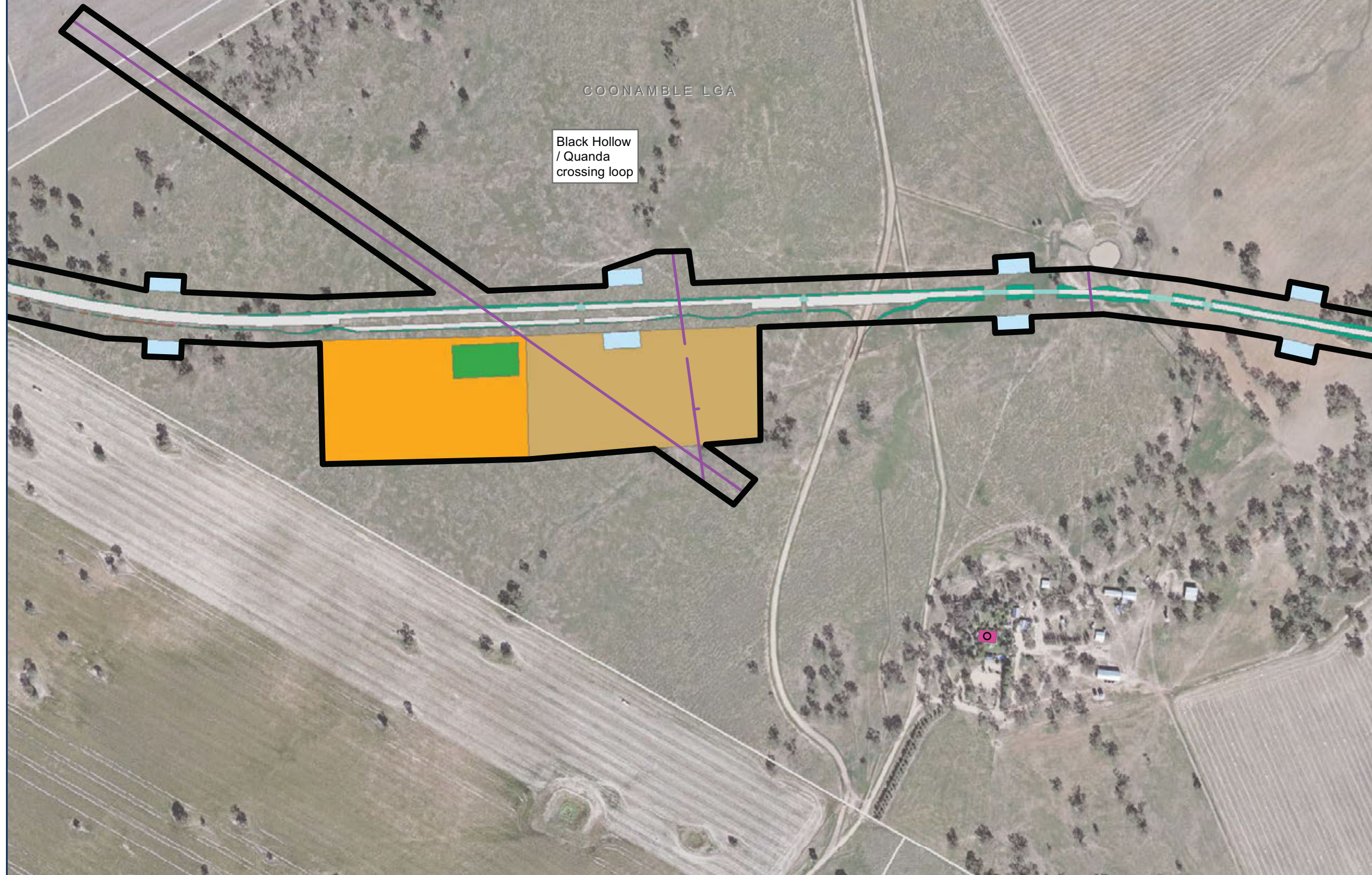
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Author: PK (GHD)

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Scale: 1:8,000







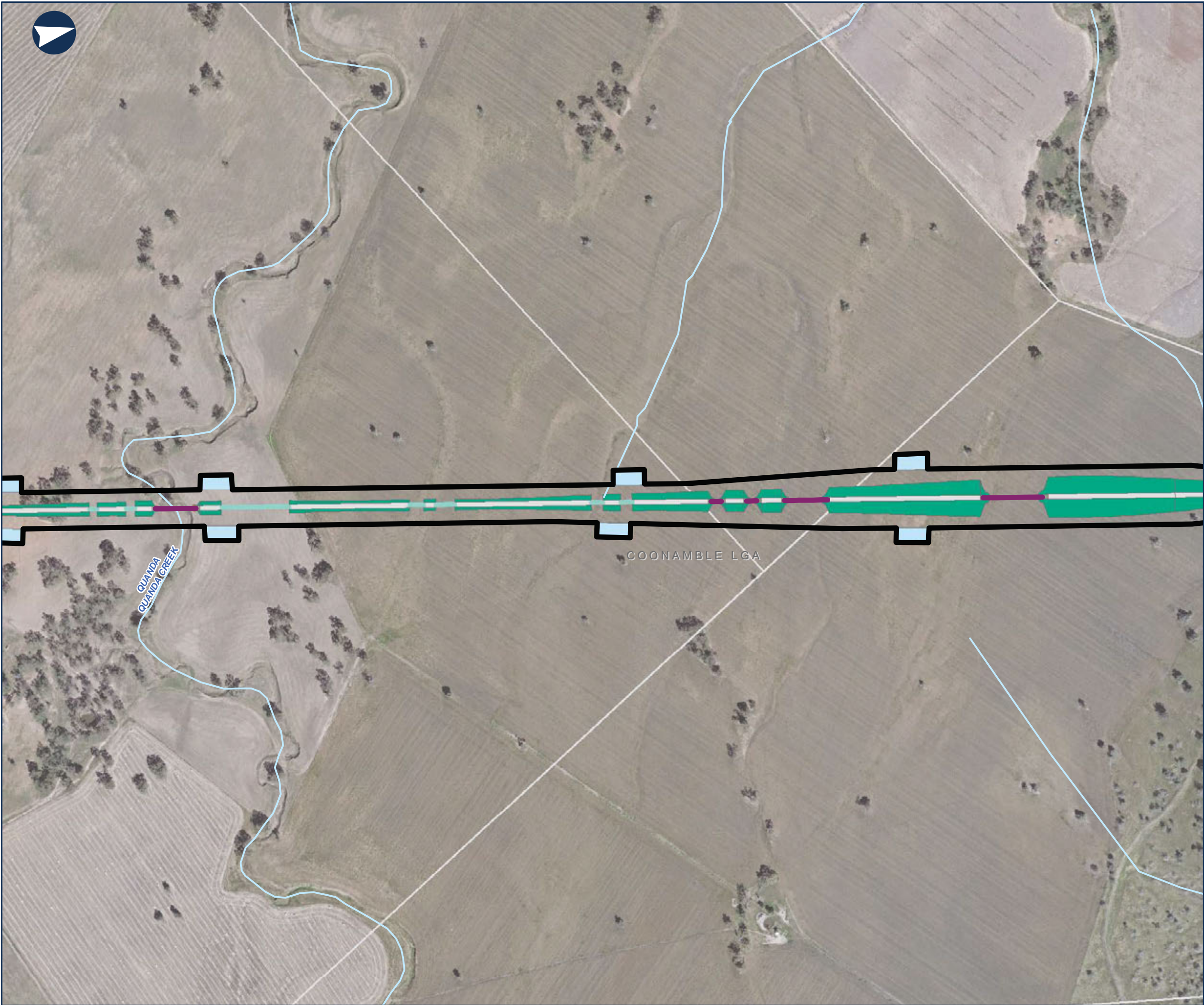
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 107 OF 216

LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 108 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation

COONAMBLE LGA



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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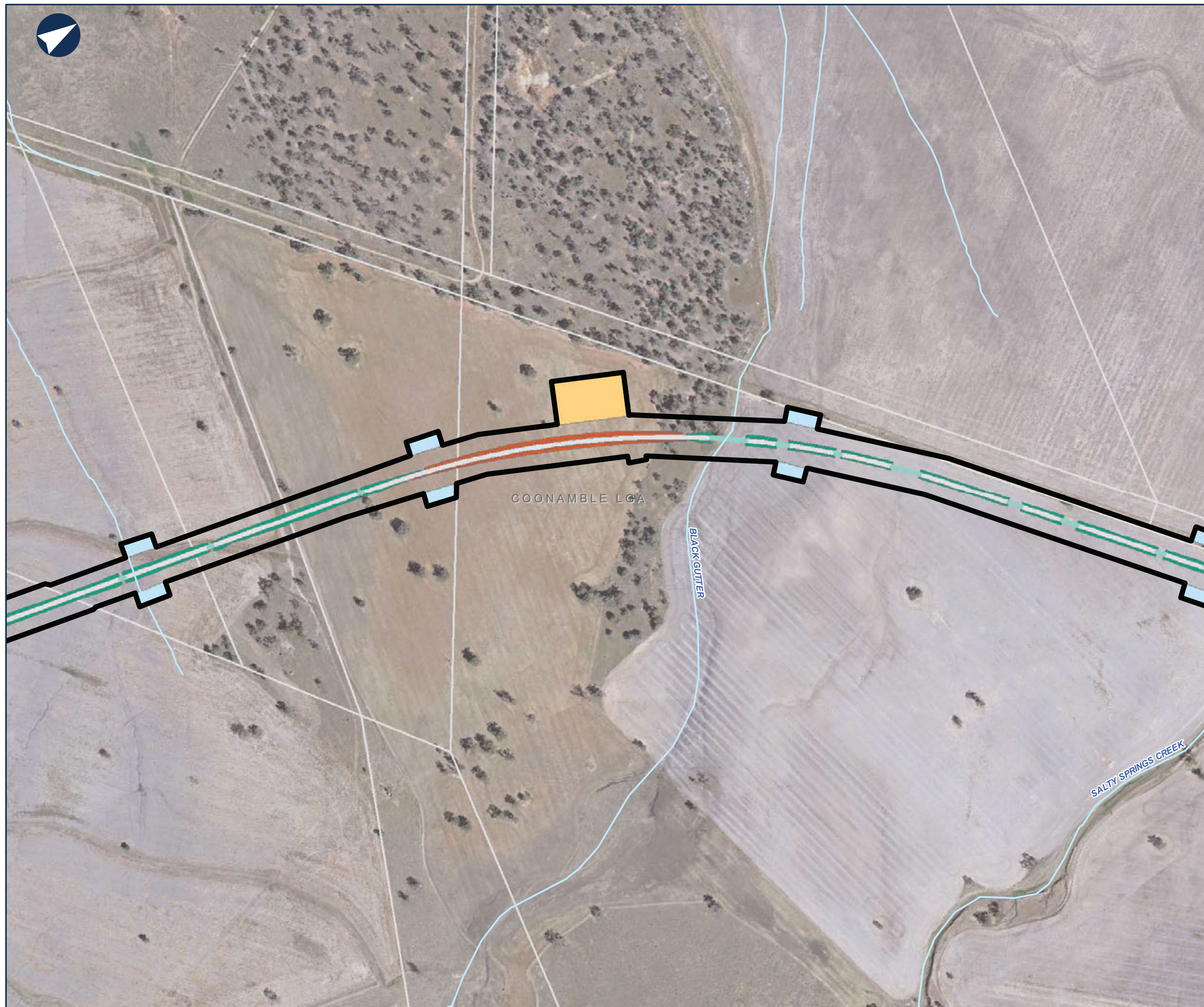
NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 109 OF 216

LEGEND

- Construction footprint
- Cadastre
- Culvert
- Sediment basin (indicative)
- Minor compound
- Rail earthworks cut
- Rail earthworks fill
- Top of formation



0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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## NARROMINE TO NARRABRI

Map Book - Construction Phase

MAP 110 OF 216

### LEGEND

- Construction footprint
- Cadastre
- Bridge
- Culvert
- Sediment basin (indicative)
- Rail earthworks cut
- Rail earthworks fill
- Top of formation
- Indicative utility adjustment

COONAMBLE LGA



0 0.1 0.2 Km

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